Form 3160-3 (February 2005)			OMB N	APPROVED to, 1004-0137	
UNITED STATES  DEPARTMENT OF THE INTERIOR  BUREAU OF LAND MANAGEMENT			Expires March 31, 2007  5. Lease Serial No. UTU-56965		
APPLICATION FOR PERMIT TO		R	6. If Indian, Allote	e or Tribe Name	
la. Type of work: DRILL REENTE	ER		7 If Unit or CA Aga	reement, Name and No.	
lb. Type of Well: Oil Well Gas Well Other	Single Zone	Multiple Zone	8. Lease Name and HOSS 20-32	Well No.	
2. Name of Operator EOG RESOURCES, INC		и.	9. API Well No. 43 -	-047-3871	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area 435-781-9111	code)	10. Field and Pool, or NATURAL B		
4. Location of Well (Report location clearly and in accordance with an At surface  At surface  At proposed prod. zone  SAME  4. Location of Well (Report location clearly and in accordance with an At Surface C4012 & X SAME 4437457	619 LAT 109,357297 LO 40.0つう63/	N 56624		Blk. and Survey or Area , T8S, R23E S.L.B.&N	
14. Distance in miles and direction from nearest town or post office* 37.3 MILES SOUTH OF VERNAL, UTAH			12. County or Parish UINTAH	13. State UT	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  660 DRILLING LINE	16. No. of acres in lease	17. Spacin	g Unit dedicated to this	weil	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2810	19. Proposed Depth 9720	20. BLM/l	BIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4890 GL	22. Approximate date work	will start*	23. Estimated duration 45 DAYS	on	
	24. Attachments				
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to Item 20 a Lands, the 5. Operator	cover the operationabove).	ns unless covered by an	n existing bond on file (se s may be required by the	
25. Signature	Name (Printed/Typea KAYLENE I	) R. GARDNER		Date 10/11/2006	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

Name (Printed Typed)

BRADLEY G. HILL
OfficeNVIRONMENTAL MANAGER

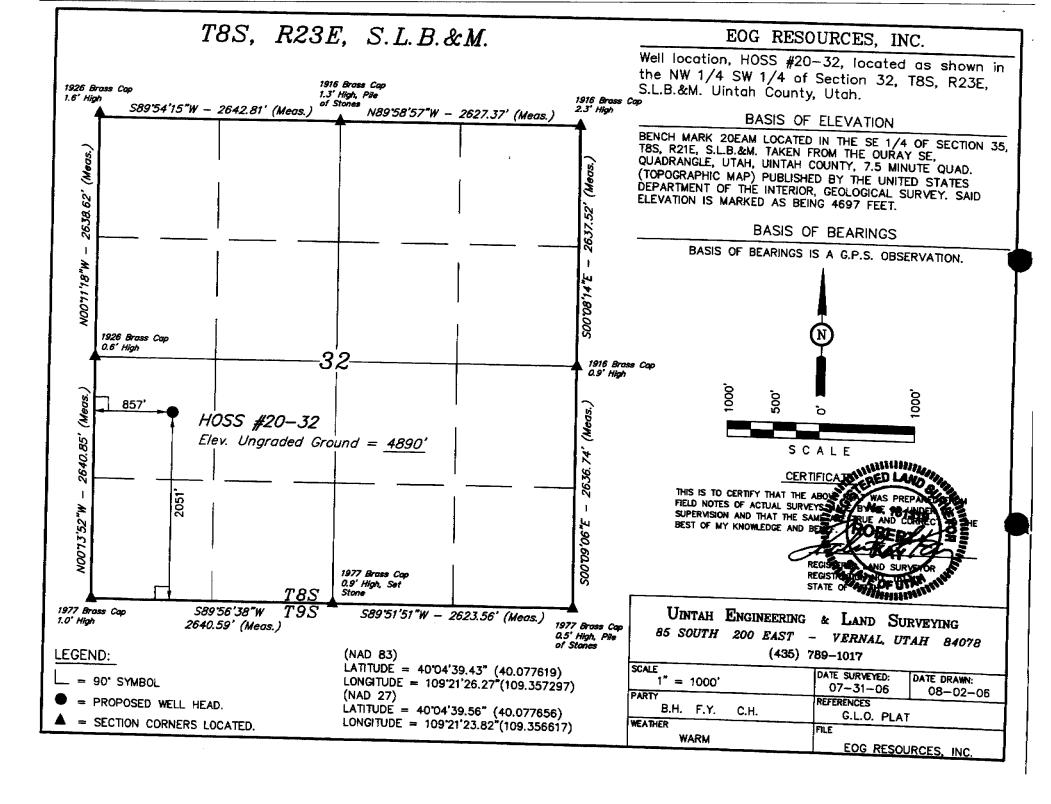
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

RECEIVED OCT 1 3 2006

DIV. OF OIL, GAS & MINING

Federal Approval of this Action is Necessary





EOG Resources, Inc. 1060 E Hwy 40 Vernal, Utah 84078

**CERTIFIED MAIL** 

ARTICLE NO: 7005 1820 0005 5392 9541

October 11, 2006

EnCana Oil & Gas (USA), Inc. Attention: Mr. Doug Jones 370 17<sup>th</sup> Street, Suite 1700 Denver, CO 80202

**RE: COMMINGLING APPLICATIONS** 

HOSS 20-32 m SECTION 32, T8S, R2ZE UINTAH COUNTY, UTAH LEASE: UTU-56965

Mr. Jones:

EOG Resources, Inc. has filed an application with the State of Utah Department of Oil Gas and Mining requesting commingling approval in the Wasatch and Mesaverde formations for the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from open hole logs. Production from the Wasatch, Mesaverde and Mancos formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2: production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

Sincerely,

Kaylene R. Gardner Sr. Regulatory Assistant ) ss

)

# COUNTY OF UINTAH )

#### <u>VERIFICATION</u>

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

# HOSS 20-32 2051' FSL – 857' FWL (NWNW) SECTION 32, T8S, R23E UINTAH COUNTY, UTAH

EOG Resources, Inc., Encana Oil & Gas (USA) Inc, Exhibit A are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 11<sup>th</sup> day of October 2006 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Encana Oil & Gas (USA) Inc.

Further affiant saith not.

Sr. Regulatory Assistant

Subscribed and sworn before me this 11th day of October, 2006.

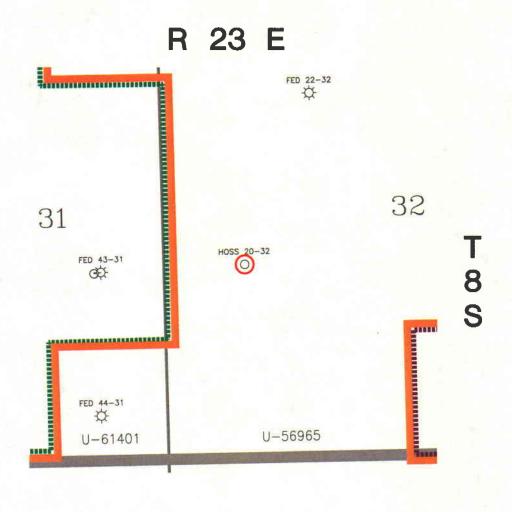
Notary Public
CHERYLE A. SNOW
3123 West 1790 South
Vernal, Utah 84078
My Commission Expires
August 1, 2009
State of Utah

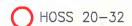
Cheyle A. Snow Notary Public

My Commission Expires: August 1, 2009

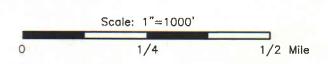
# Exhibit "A" to Affidavit Hoss 20-32 Application to Commingle

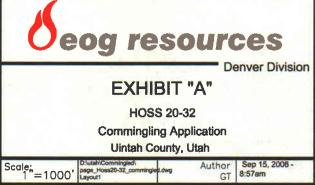
Encana Oil & Gas (USA) Inc. 950 17th Street, Suite 2600 Denver, Colorado 80202 Attn: Mr. Doug Jones





Badlands Unit Outline Wasatch/Mesaverde/Mancos Fms P.A. "B" -----Wasatch/Mesaverde/Mancos Fms P.A. "C"





# HOSS 20-32 NW/SW, SEC. 32, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River FM	2,095'
Wasatch	5,031'
Chapita Wells	5,693'
Buck Canyon	6,388'
North Horn	6,970'
KMV Price River	7,527'
KMV Price River Middle	8,339'
KMV Price River Lower	9,173'
Sego	9,508'

Estimated TD: 9,720' or 200'± below Sego top

**Anticipated BHP: 5,310 Psig** 

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from open hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2: production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

							<u>RA'</u>	<u> FACTOR</u>
	<b>HOLE SIZE</b>	<u>INTERVAL</u>	<u>SIZE</u>	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	COLLAPSE	E /BURST/ TENSILE
Conducto	r: 17 ½"	0'-45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI 322,000#
Surface	12-1/4"	$45' - 2,300'KB \pm$	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi 394,000#
Production	n: 7-7/8"	$2,300' \pm - TD$	4-1/2"	11.6#	P-110	LTC	7560 PSI	10.710 Psi 284.000#

# HOSS 20-32 NW/SW, SEC. 32, T8S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/6" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

Float Equipment: (Cont'd)

# Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

# HOSS 20-32 NW/SW, SEC. 32, T8S, R23E, S.L.B.&M.. **UINTAH COUNTY, UTAH**

# 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

# 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

# 9. CEMENT PROGRAM:

# Surface Hole Procedure (Surface - 2300'±):

Lead:

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3 ½ #/sx

Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

# Production Hole Procedure (2300'± - TD)

Lead:

158 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

910 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

# <u>HOSS 20-32</u> <u>NW/SW, SEC. 32, T8S, R23E, S.L.B.&M..</u> UINTAH COUNTY, UTAH

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch. Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### 10. ABNORMAL CONDITIONS:

# Surface Hole (Surface - 2300'±):

Lost circulation

# Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

# 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

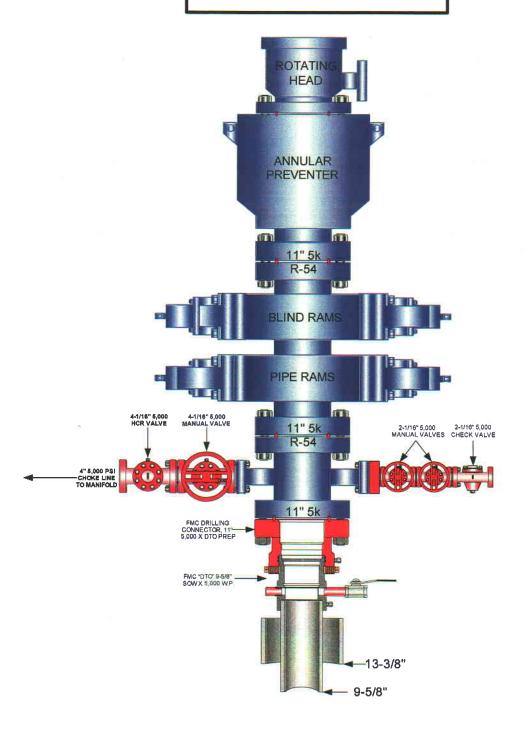
#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

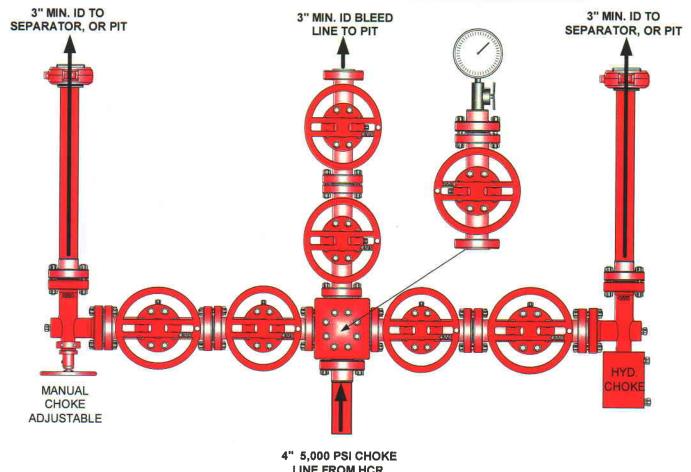
# EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F



LINE FROM HCR **VALVE** 

# Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# eog resources

# HOSS 20-32 NWNW, Section 32, T8S, R23E Uintah County, Utah

# SURFACE USE PLAN

# NOTIFICATION REQUIREMENTS

Location Construction:

Forty-eight (48) hours prior to construction of location and access

roads.

**Location Completion:** 

Prior to moving on the drilling rig.

Spud Notice:

At least twenty-four (24) hours prior to spudding the well.

Casing String and

Cementing:

Twenty-four (24) hours prior to running casing and cementing

all casing strings.

BOP and related **Equipment Tests:** 

Twenty-four (24) hours prior to running casing and tests.

First Production Notice: Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

EOG Resources, Inc., hereby applies under Section 28 of the Act of February 25, 1920 (41 state. 449), (30 U.S.C. Section 185) as amended by the Act of November 16, 1973, (87 Stat. 576) and requests that this APD serve as the construction, operations and maintenance plan for the right-of-way application for the pipeline on federal lands. A 30-year right-of-way term is requested.

The requested pipeline right-of-way on Federal acreage (UTU 61401) necessary is approximately 520' x 40', containing 0.48 acre more or less (see attached survey plats and maps).

The request road right-of-way on Federal acreage (UTU 61401) necessary is approximately 510' x 30', containing 0.35 acre more or less (see attached survey plats and maps).

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 1056 feet long with a 30-foot right-of-way, disturbing approximately 0.73 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.57 acres. The pipeline is approximately 1620 feet long with a 40-foot right-of-way, within Federal Lease UTU-56965 disturbing approximately 1.49 acres.

#### 1. EXISTING ROADS:

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 37.3 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 1056' in length, 546' within Federal Lease UTU 56965, 510' within Federal Lease UTU 61401.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. One (1) low water crossing constructed on the major drainage crossing.

- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

All travel will be confined to existing access road right-of-way.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards to the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

# 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

3. The area inside the anchors where truck traffic will occur shall be graveled as needed.

#### B. Off Well Pad

- Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. The length of the new proposed pipeline is 1620' x 40'. The proposed pipeline leaves the northern edge of the well pad proceeding in a westerly direction for an approximate distance of 1110' to Section 31, T8S, R23E proceeding for an approximate distance of 510', tieing into an existing pipeline located in the NESE of Section 31, T8S, R23E (Lease UTU-61401). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.

An off lease right-of-way will be required.

- 3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All existing facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

# 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease

# 6. Source of Construction Materials:

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

# 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- Cuttings will be confined in the reserve pit.
- A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site

is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the northeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the west side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil south of corner #5. The stockpiled location topsoil will be stored between corners #2 and #3, corners #6 and #8. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the south.

# **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Crested Wheatgrass	9.0
Prostrate Kochia	3.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (Ibs./acre PLS*)		
Gardner saltbush	3.0		
Shadscale	3.0		
Crested Wheatgrass	3.0		

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places:
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer

that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and "Right-of-Way grant", if applicable, will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A Paleontology survey was conducted and will be submitted September 3, 2006 by Dr. Wade Miller.

#### **ADDITIONAL SURFACE STIPULATIONS:**

No construction or drilling will be allowed during the Antelope kidding season of May 15<sup>th</sup> to June 20<sup>th</sup> unless clearance has been obtained by the BLM wildlife biologist.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, Ut 84078 (435) 781-9111

#### **DRILLING OPERATIONS**

Donald Presenkowski EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113 307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 20-32 well, located in NWSW, of Section 32, T8S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

October 11, 2006

Date

Kaylerle R. Gardner, Sr. Regulatory Assistant

# Request for Exception to Buried Pipeline Requirement HOSS 20-32 NWSW, Sec. 32, T8S, R23E UTU-56965

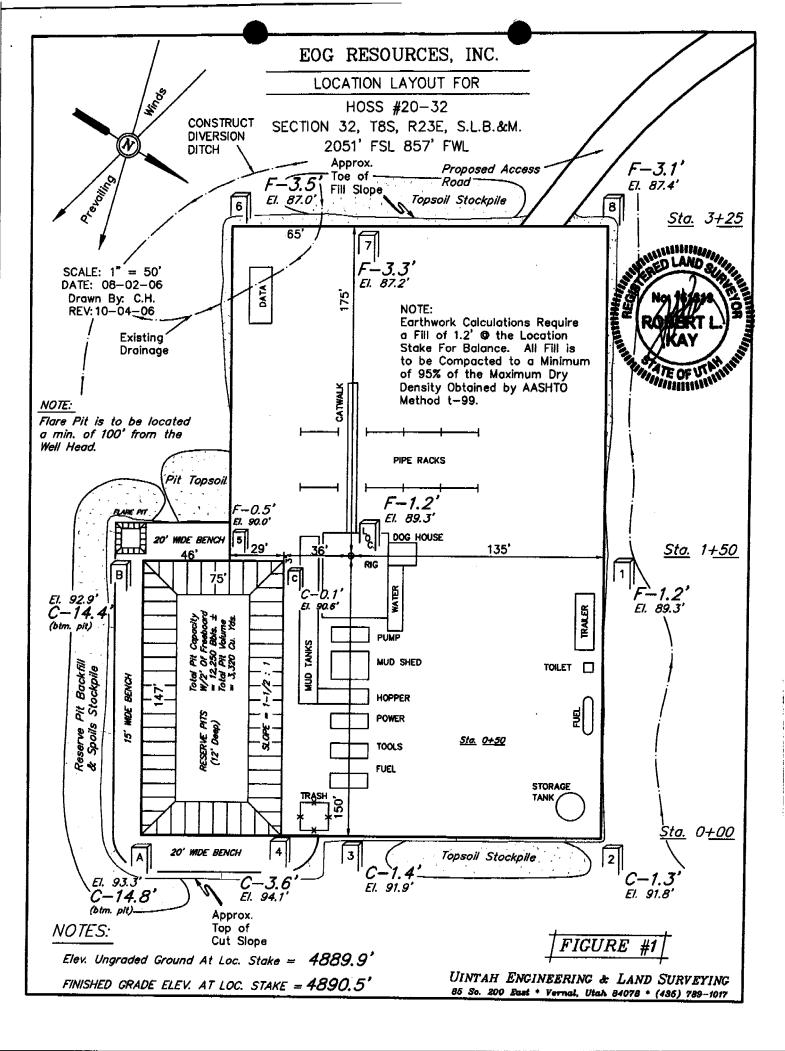
EOG Resources, Inc. requests a variance to the requirement for a buried gas sales pipeline for the referenced well for the following reasons:

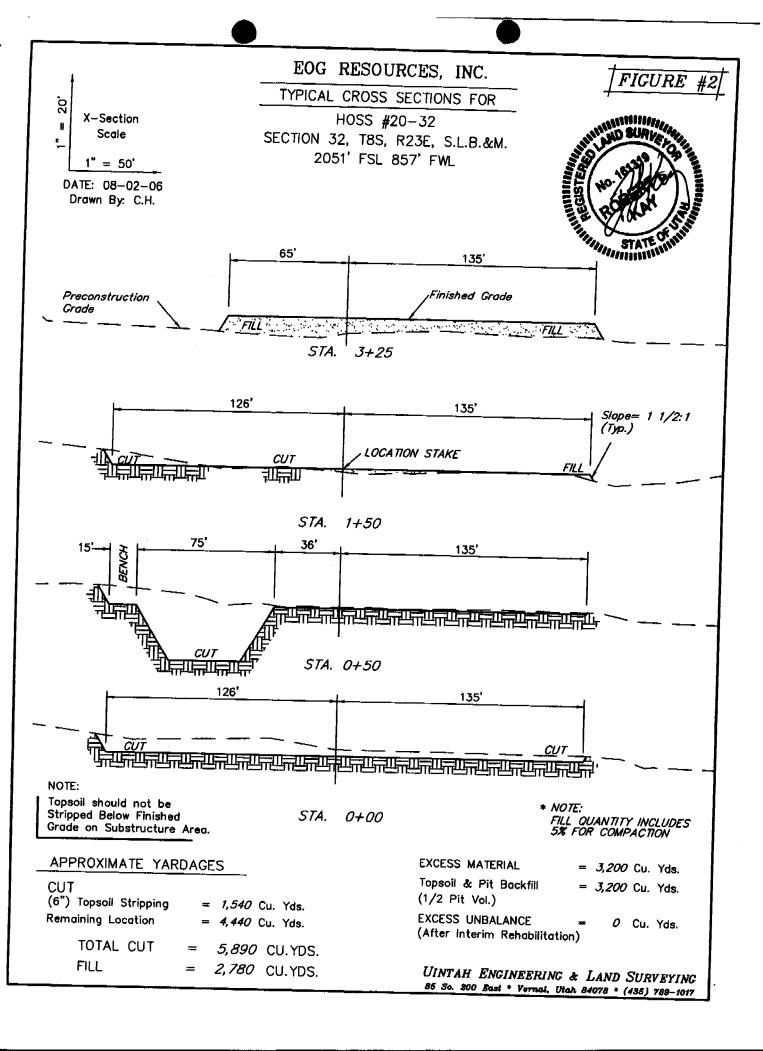
- 1. In order to bury pipe on the gas sales line route, additional surface disturbance relative to surface pipeline would be approximately <u>50' X Length</u> acres.
- 2. Ripping, cutting, or blasting of rock would be required, which in turn would leave long-term spoils on the right-of-way.
- 3. The disturbed soils on the pipeline corridor would be difficult to rehabilitate and would be susceptible to noxious weed infestation, which in turn would be hazardous to livestock.
- 4. Supplemental soil to replace removed rock would need to be hauled in from other locations to provide bedding and cover material.
- 5. The buried pipe would need to be coated and/or wrapped to minimize the potential for corrosion-caused gas leaks and blowouts.
- 6. Burying of pipe next to access roads increases the potential for damage, explosion, and fire when using graders and/or dozers for snow removal or road rehabilitation.
- 7. Surface equipment, including risers with blow down valves and pipeline markers will be required, adding to negative visual impact.
- 8. Disturbance of previously rehabilitated pipeline corridor could be necessary if increasing well density requires crossing of the corridor or location construction on the corridor.
- 9. Pipeline corridors subject to poor rehabilitation characteristics are susceptible to high rates of soil erosion.
- 10. Buried shallow pipelines in low areas subject to the occasional presence of standing water are susceptible to movement and surfacing.

# EOG RESOURCES, INC. HOSS #20-32 SECTION 32, T8S, R23E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 19.2 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE TURN RIGHT AND PROCEED IN A SOUTHWESTERLY SOUTHWEST: DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, **EASTERLY** THEN **THEN SOUTHERLY** APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHEASTERLY **DIRECTION APPROXIMATELY 4.1** MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 37.3 MILES.





# EOG RESOURCES, INC.

HOSS #20-32

LOCATED IN UINTAH COUNTY, UTAH SECTION 32, T8S, R23E, S.L.B.&M.

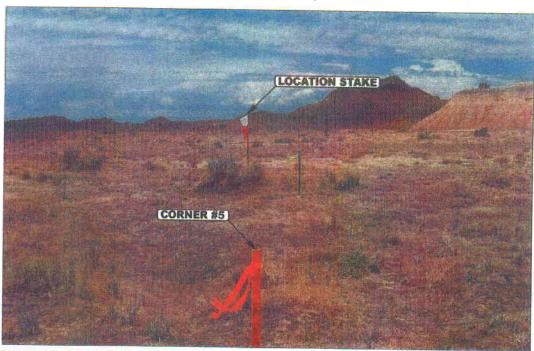


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY

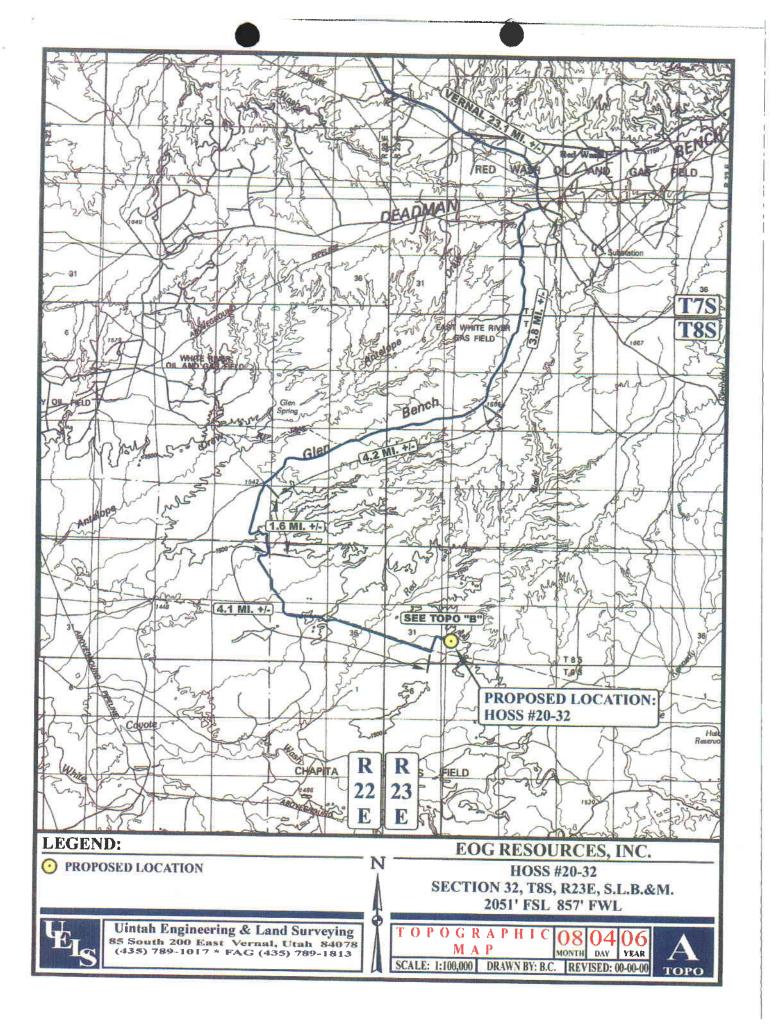


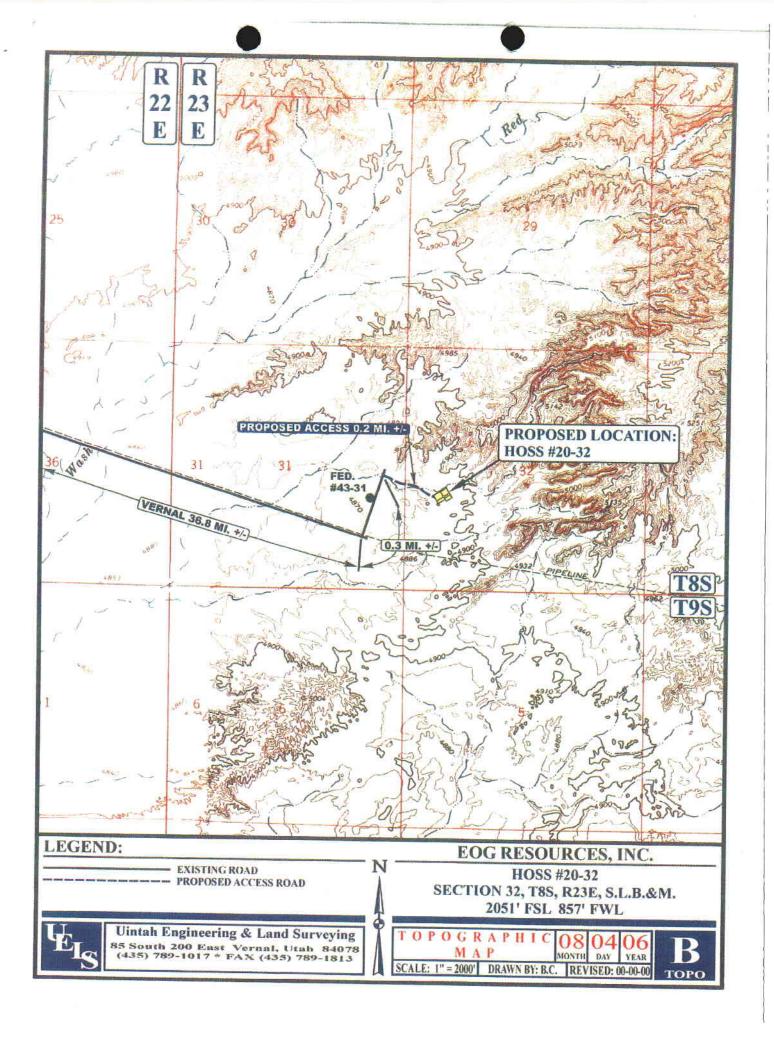
LOCATION PHOTOS

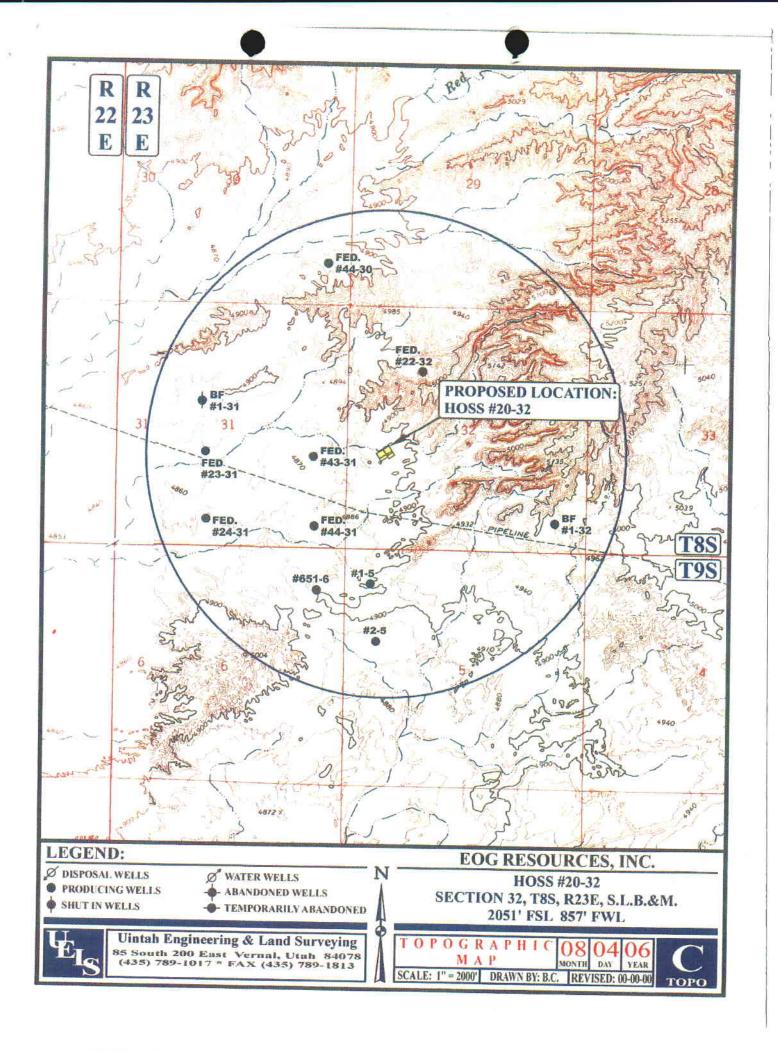
OS
MONTH
DAY
YEAR

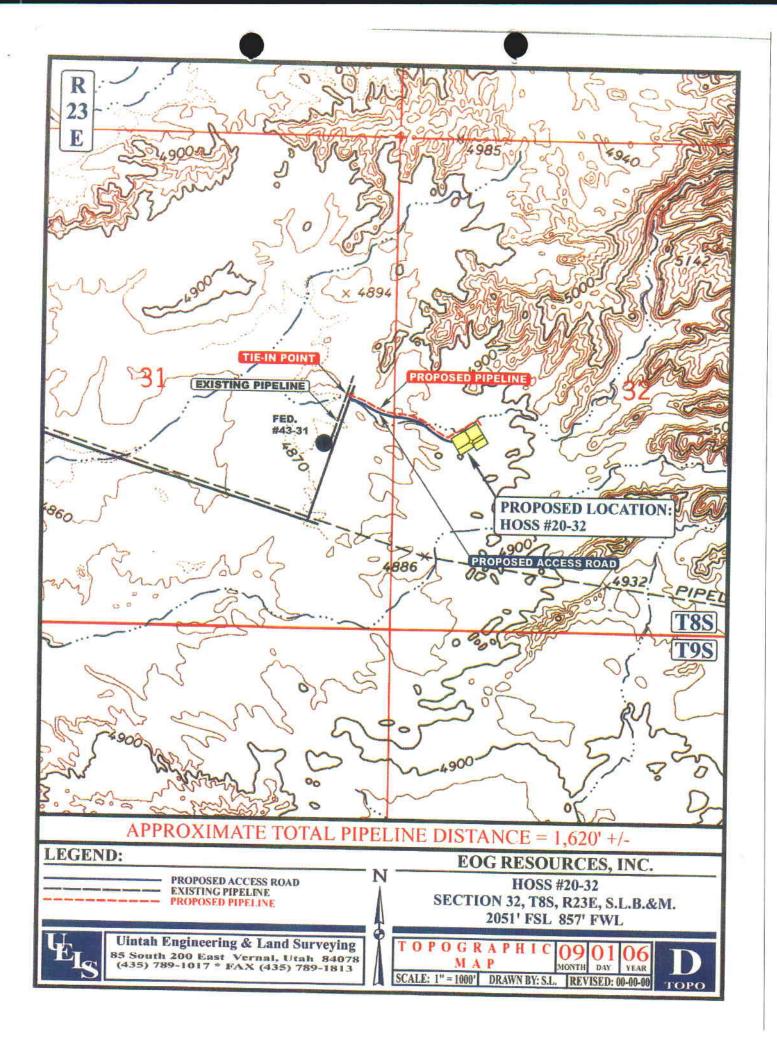
TAKEN BY: B.H. DRAWN BY: B.C. REVISED: 00-00-00

РНОТО

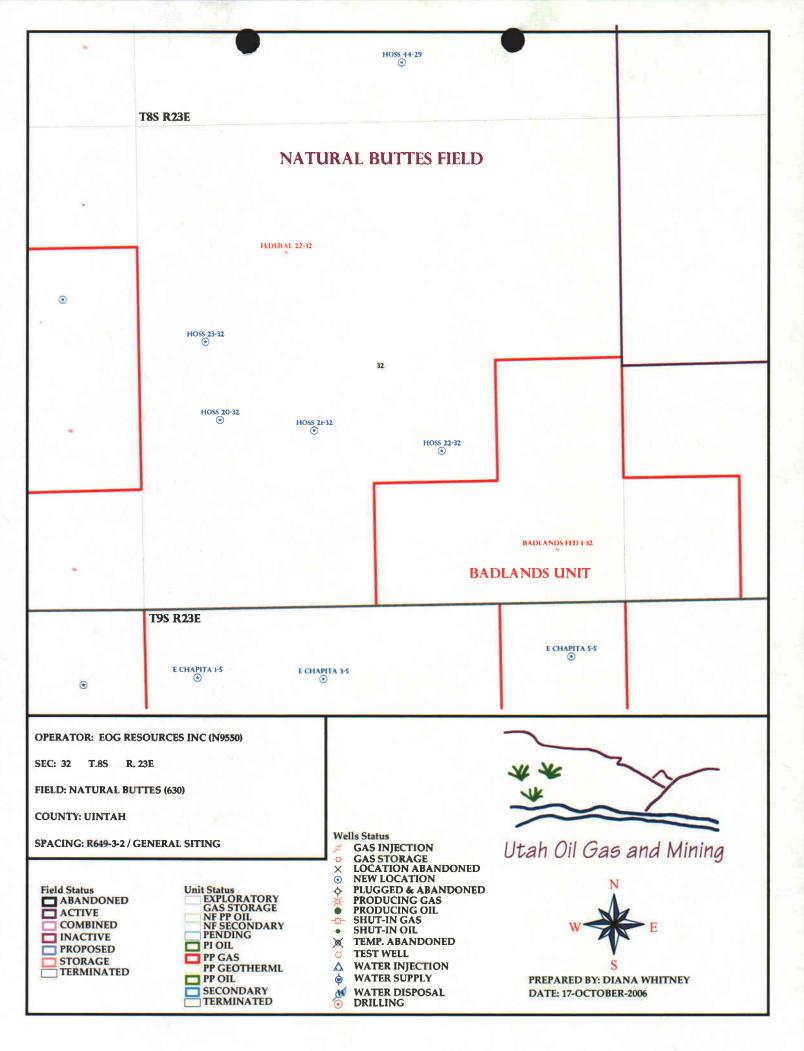








APD RECEIVED: 10/13/2006	API NO. ASSIGNED: 43-047-38717
WELL NAME: HOSS 20-32  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: KAYLENE GARDNER	PHONE NUMBER: 435-781-9111
PROPOSED LOCATION: NWSW 32 080S 230E	INSPECT LOCATN BY: / /
SURFACE: 2051 FSL 0857 FWL	Tech Review Initials Date
BOTTOM: 2051 FSL 0857 FWL COUNTY: UINTAH	Engineering
LATITUDE: 40.07763 LONGITUDE: -109.3566	Geology
UTM SURF EASTINGS: 640126 NORTHINGS: 4437457 FIELD NAME: NATURAL BUTTES (630)	Surface
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-56965  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO
✓ Plat	CATION AND SITING:  R649-2-3.  it:  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit Board Cause No: Eff Date: Siting:  R649-3-11. Directional Drill
stipulations:  1- de des Chyproso  2- Spacing Shir  3-Comming ( t	





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

October 31, 2006

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re: Hoss 20-32 Well, 2051' FSL, 857' FWL, NW SW, Sec. 32, T. 8 South,

R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38717.

Sincerely,

Gil Hunt

**Associate Director** 

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources,	Inc.	
Well Name & Number	Hoss 20-32		
API Number:	43-047-38717		
Lease:	UTU-56965		
Location: <u>NW SW</u>	Sec32_	T. 8 South	R. 23 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3 (February 2005)

# UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM	APPR	0V	ED
OMB N	lo. 100	4-01	37
Expires	March	31,	2007

5.	Lease Serial No.
	UTU-56965

APPLICATION FOR PERMIT TO	HILL OF REENVER		6. If Indian, Allotee or Tr	ibe Name
la. Type of work: DRILL REENTE	R OCT 12 2006		7 If Unit or CA Agreement	, Name and No.
lb. Type of Well: ☐Oil Well	M Sirak Zone Thukit	le Zone	8. Lease Name and Well N HOSS 20-32	lo.
2. Name of Operator EOG RESOURCES, INC	/LIVI V L1 II V/ (L, O 1/ 1I		9. API Well, No. 43047	387/7
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) 435-781-9111		10. Field and Pool, or Exploratory NATURAL BUTTES	
4. Location of Well (Report location clearly and in accordance with an At surface 2051 FSL 857 FWL NWSW 40.077 At proposed prod. zone SAME	•		11. Sec., T. R. M. or Blk. and SECTION 32, T8S.	•
14. Distance in miles and direction from nearest town or post office* 37.3 MILES SOUTH OF VERNAL, UTAH			12. County or Parish UINTAH	13. State UT
15 Distance from proposed* 660 LEASE LINE location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 660 DRILLING LINE	16 No. of acres in lease 640	17. Spacin	g Unit dedicated to this well	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2810	19. Proposed Depth 9720	20. BLM/E NM 2.	BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4890 GL	22. Approximate date work will sta	π*	23. Estimated duration 45 DAYS	
	24. Attachments			
The following, completed in accordance with the requirements of Onsho	re Oil and Gas Order No.1, must be a	ttached to thi	s form:	
Well plat certified by a registered surveyor.     A Drilling Plan.     A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office)	Lands, the Item 20 above).  5. Operator certification is a second of the	cation	ns unless covered by an exist	

25. Signatu

BLM.

Name (Printed Typed) KAYLENE R. GARDNER 10/11/2006 . REGULATORY ASSISTANT Date Name (Printed Typed) Approved by

# Field Manager hes & Mineral Resources

JERRY Office

3-8-2007

**VERNAL FIELD OFFICE** 

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

\*(Instructions on page 2)

TONS OF APPROVA

OLGM 1905A NOTICE OF APPROVAL

**Entered in AFMSS** 

RECENT

MAR 1 6 2007

DIV. OF OIL, GAS & MINING

NOS 8/23/06



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**



170 South 500 East

VERNAL, UT 84078 (435) 781-4400

## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

**EOG Resources** 

Location:

NWSW, Sec 32, T8S, R23E

Well No:

HOSS 20-32

Lease No:

UTU-56965

API No: 43-047-38717 Agreement: N/A

Title	Name	Office Phone Number	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer:	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer:	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer:	Ryan Angus	435-781-4430	
Supervisory Petroleum Technician:	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist:	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist:	Karl Wright	435-781-4484	
NRS/Enviro Scientist:	Holly Villa	435-781-4404	
NRS/Enviro Scientist:	Melissa Hawk	435-781-4476	435-828-7381
NRS/Enviro Scientist:	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist:	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist:	Michael Cutler	435-781-3401	
NRS/Enviro Scientist:	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist:	Darren Williams	435-781-4447	
NRS/Enviro Scientist:	Nathan Packer	435-781-3405	
After Hours Contact Number: 435-	781-4513	Fax: 435-781-4410	

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

Page 2 of 6 Well: HOSS 20-32 1/25/2007

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. During interim management of the surface, use the following seed mix:
  - o 9 lbs of Hycrest Crested Wheatgrass and 3 lbs of Kochia Prostrata.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work, and contact the Authorized Officer (AO). A report will be prepared by the Paleontologist and submitted to the BLM at the completion of surface disturbing activities.
- All the culverts will be installed according to the BLM Gold Book.
- The road and well pad will have road base on the surface.
- Bury pipeline at all low water crossings.

### **General Surface COA**

Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

Page 3 of 6 Well: HOSS 20-32 1/25/2007

### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Electronic/mechanical mud monitoring equipment shall be required, from surface casing shoe to TD, which shall include as a minimum: pit volume totalizer (PVT); stroke counter; and flow sensor.
- A formation integrity test shall be performed at the surface casing shoe.
- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top
  of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for
  review.
- Variance Granted:
  - 75 foot long blooie line approved.

### Commingling:

Downhole commingling for the Wasatch-Mesaverde formations is approved. Authorized
Officer reserves the right to rescind this approval if conditions change. Authorized
Officer also reserves the right to require allocation of production volumes between the
Wasatch and Mesaverde if deemed necessary.

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE

Page 4 of 6 Well: HOSS 20-32 1/25/2007

pressure tests shall be performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The lessee/operator must report all shows of water or water-bearing sands to the BLM.
   If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) shall the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall
  be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office.
  All oil and gas shows shall be adequately tested for commercial possibilities, reported,
  and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
  until the well is completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the

Page 5 of 6 Well: HOSS 20-32 1/25/2007

disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
  API standards for liquid hydrocarbons and the AGA standards for natural gas
  measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

Page 6 of 6 Well: HOSS 20-32 1/25/2007

• This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

- o Operator name, address, and telephone number.
- o Well name and number.
- o Well location (¼¼, Sec., Twn, Rng, and P.M.).
- o Date well was placed in a producing status (date of first production for which royalty will be paid).
- o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
- o Unit agreement and / or participating area name and number, if applicable.
- Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL)
   4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days.
   "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

# **SPUDDING INFORMATION**

Name of Company: <b>EOG Resour</b>	rces Inc		
Well Name: Hoss 20-32			
API No <u>: <b>43-047-38717</b></u>	Lease	e Type: <u>Federal</u>	
Section 32 Township 08S	Range_ <b>23E</b> C	County <u>Uintah</u>	
Drilling Contractor Rocky Moun	ntain Drilling	_Rig # <u>Bucket</u>	
SPUDDED:			
Date <u>4-17-07</u>			
Time <u>10:00 AM</u>			
How_Dry			
Drilling will Commence:			
Reported by <u>Jerry Barnes</u>			na,
Telephone #435-828-1720			
Date4-17-07	Signed_	RM	

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

state CO zip 80202 Phone Number: (303) 262-2812

### Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43-047-38717	HOSS 20-32		NWSW	32	88	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Α	99999	16048	4	/17/200	7	14	33/07

PRRU= MVRS

Well 2

API Number	Well	Name	QQ         Sec         Twp           NWSW         25         9S           Spud Date		QQ Sec Twp Rng County		
43-047-36366	CHAPITA WELLS U	NIT 933-25			22E UINTAH  Entity Assignment Effective Date		
Action Code	Current Entity Number	New Entity Number					
*B	99999	13650	4	/17/200	7	4	1/23/07

Well 3

API Number	Number Well Name		QQ Sec Twp		Rng County		
Action Code	Current Entity Number			Spud Date		Entity Assignment Effective Date	
Comments:							

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carrie MacDonald

Signature

Title

RECEIVED Operations Clerk

4/18/2007

Date

APR 2 U 2007

Form 3160-5 (February 2005)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

# **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007 5. Lease Serial No.

UTU-56965

SUNDRY NOTICES AND REPORTS ON WELLS				UTU-56965		
Do not use th abandoned we	6. If Indian,	Allottee or Tribe Name				
SUBMIT IN TRIPLICATE- Other instructions on reverse side.					CA/Agreement, Name and/or No.	
Oil Well Gas Well Other					e and No.	
2. Name of Operator EOG Resources, Inc.					32	
EOG Resou	ices, inc.			9. API Wel		
Ba Address 3b. Phone No. (include area code) 600 17th Street, Suite 1000N, Denver, CO 80202 303-262-2812				43-047-38717  10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 2					Buttes/Wasatch/Mesaverde	
, 0,	•			11. County o	r Parish, State	
2,051' FSL & 857' FWL (NWS Sec. 32-T8S-R23E 40.077619 L	•			Uintah (	County, Utah	
12. CHECK AF	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR	OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION			
	Acidize	Deepen	Production (Sta	rt/Resume)	Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete		Other Well spud	
	Change Plans	Plug and Abandon	Temporarily Ab	andon		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			
13. Describe Proposed or Complete If the proposal is to deepen dire	ectionally or recomplete horizontal	lly, give subsurface location	ns and measured and tru	e vertical depths	rk and approximate duration thereof. s of all pertinent markers and zones.	

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well spud on 4/17/2007.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)					
Carrie MacDonald	Title	Operations Clerk			
Signature Com Miles	Date	04/18	8/2007		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by		Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warracertify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	nt or ase	Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatte	person r within	knowingly and willfully to m	nake to any department or agency of the United		
			TLOE! -		

(Instructions on page 2)

APR 2 0 2007

Form 3160-5 (February 2005)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

UTU-56965

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

				}		
SUBMIT IN TRIPLICATE- Other instructions on reverse side.					CA/Agreement, Name and/or No.	
1. Type of Well Oil Well ✓	Gas Well Other			8. Well Name		
2. Name of Operator EOG Resou	irces, Inc.			9. API Well		
3a. Address       3b. Phone No. (include area code)         600 17th Street, Suite 1000N, Denver, CO 80202       303-262-2812			e area code)	43-047-38717  10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  2,051' FSL & 857' FWL (NWSW)  Sec. 32-T8S-R23E 40.077619 LAT 109.357297 LON				Natural Buttes/Wasatch/Mesaverde  11. County or Parish, State  Uintah County, Utah		
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NATUR	LE OF NOTICE, R	EPORT, OR	OTHER DATA	
TYPE OF SUBMISSION		TYI	PE OF ACTION			
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab	[	Water Shut-Off Well Integrity Other	
10 December Description Committee	- d O tion (alaam), atata all ma	minant dataila inalydina acti	moted starting data of ar	w neonocod worl	and approximate duration thereof	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Chapita Wells Unit 550-30N SWD
- 3. Ace Disposal
- 4. RN Industries

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)							
Carrie MacDonald	Title	Operations Clerk					
Signature Carri Manuel	Date	04/18/2007					
THIS SPACE FOR FEDERAL OR STATE OFFICE USE							
Approved by		Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.	Office						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious or fraudulent statements or representations as to anymatter	erson within	knowingly and willfully to make to a its jurisdiction.	ny department or agency of the United				

(Instructions on page 2)

RECEIVED APR 2 0 2007 Form 3160-5 (August 2007)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APP	יטא	V ED
OMB N	0.10	004-	013
Expires:	July	31,	201

V NOTICES AND DEDODES ON WELLS

5. Lease Serial No. UTU56965

SUNDRY I	MOTICES WAD BELO	NIS ON WELLS	01030303			
Do not use thi abandoned wel	s form for proposals to ii. Use form 3160-3 (AP	drill or to re-enter an D) for such proposals.	6. If Indian, Allottee	or Tribe Name		
SUBMIT IN TRII	PLICATE - Other instruc	tions on reverse side.	7. If Unit or CA/Ag	eement, Name and/or No.		
1. Type of Well			8. Well Name and N HOSS 20-32	8. Well Name and No.		
Oil Well Gas Well Oth		MADY A MAESTAS	9. API Weli No.			
2. Name of Operator EOG RESOURCES, INC.	E-Mail: mary_mae	MARY A. MAESTAS stas@eogresources.com	43-047-38717			
8a. Address 600 17TH ST., SUITE 1000N DENVER, CO 80202		3b. Phone No. (include area code) Ph: 303-824-5526 Fx: 303-824-5527  10. Field and Pool, or Exploratory NATURAL BUTTES/MESAVI				
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description	)	11. County or Parisl	n, and State		
Sec 32 T8S R23E NWSW 205 40.07762 N Lat, 109.35730 W			UINTAH COUNTY, UT			
12. CHECK APPE	ROPRIATE BOX(ES) TO	O INDICATE NATURE OF	NOTICE, REPORT, OR OTH	ER DATA		
TYPE OF SUBMISSION		TYPE (	OF ACTION			
	☐ Acidize	□ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off		
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	□ Reclamation	■ Well Integrity		
Subsequent Report     ■     Subsequent Report     Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	Other		
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations		
_	☐ Convert to Injection	☐ Plug Back	■ Water Disposal			
testing has been completed. Final At determined that the site is ready for final TD for the subject well was rewill begin during the first quart	pandonment Notices shall be fil inal inspection.) ached on 6/6/2007. Pend	ed only after all requirements, incl	ecompletion in a new interval, a Form 3 uding reclamation, have been complete detion operations	d, and the operator has		
			RECEI	<b>VED</b>		
			SEP 17	2007		
			DIV. OF Oil, GAS	<b>€</b> \$6 (2 <sup>2</sup> ).		
	- turn and agmost					
14. I hereby certify that the foregoing is	Flectronic Submission	#56322 verified by the BLM W RESOURCES, INC., sent to the	ell Information System le Vernal			
Name(Printed/Typed) MARY A.	MAESTAS	Title REGI	JLATORY ASSISTANT			
Signature (Electronic	Submission)	Date 09/13	/2007			
	THIS SPACE F	OR FEDERAL OR STAT	E OFFICE USE			
Approved Dr.		Title		Date		
Approved By						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Form 3160-5 (August 2007)

(Instructions on page 2)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	FORM APPROVED	
	OMB No. 1004-0137	
	Expires: July 31, 2010	
se Serial No.		

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
handoned well. Use Form 2160-2 (ARD) for such proposals

5. Lease Serial No. UTU-56965 6. If Indian, Allottee or Tribe Name

	Use Form 3160-3 (A			•		
SUBMIT IN TRIPLICATE – Other instructions on page 2.					7. If Unit of CA/Agree	ement, Name and/or No.
1. Type of Well					1	
Oil Well  Gas V	ell Other			8. Well Name and No. Hoss 20-32		
2. Name of Operator EOG Resources, Inc.					9. API Well No. 43-047-38717	7387
3a. Address		3b. Phone No.	(include area code	2)	10. Field and Pool or E	Exploratory Area
600 17th Street, Suite 1000N Denver, CO 80202		303-824-5526	3		Natural Buttes/Wasa	atch/Mesaverde
4. Location of Well (Footage, Sec., T., 2051' FSL & 857' FWL (NWSW) Sec. 32-T8S-R23E 40.077619 LAT 109.35728	R.,M., or Survey Description TON	n)			11. Country or Parish, Uintah County, Utah	
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO IND	ICATE NATURE	OF NOTIC	CE, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION			TYP	E OF ACT	ION	
Notice of Intent	Acidize	Deep	en	Produ	uction (Start/Resume)	Water Shut-Off
	Alter Casing	Fracti	ire Treat	Recla	mation	Well Integrity
Subsequent Report	Casing Repair	☐ New	Construction	Reco	mplete	Other Drilling operations
Subsequent Report	Change Plans	Plug a	and Abandon	☐ Temr	orarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug l			r Disposal	
determined that the site is ready fo	ormed on the subject well.	Pending furthe	r evaluation, com	pletion op	perations will begin in	the first quarter of 2008.
<ol> <li>I hereby certify that the foregoing is to Name (Printed/Typed)</li> </ol>	rue and correct.					
Mary A. Maestas			Title Regulatory	/ Assistan	t	
Signature Worn	1. Manta	-	Date 10/16/200	7		
	THIS SPACE	FOR FEDE	RAL OR STA	TE OFF	ICE USE	
Approved by						
			Title			ate
Conditions of approval, if any, are attached that the applicant holds legal or equitable tentitle the applicant to conduct operations	itle to those rights in the subject	s not warrant or ce	rtify		<u> </u> U	au
Title 18 U.S.C. Section 1001 and Title 43 fectitious or fraudulent statements or repre			son knowingly and	willfully to	make to any department	or agency of the United States any false,



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS** 

FORM APPRO	VED
OMB No. 1004-	013
Evnires: July 31	201

5. Lease Serial No. UTU-56965

6. If Indian, Allottee or Tribe Name

	form for proposals ( Use Form 3160-3 (A				
SUBMI	T IN TRIPLICATE – Other		7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well				0. 37. 11 31	
Oil Well Gas Well Other				8. Well Name and No Hoss 20-32	·
2. Name of Operator EOG Resources, Inc.				9. API Well No. 43-047-38717	
3a. Address 600 17th Street, Suite 1000N		3b. Phone No. (include of 303-824-5526	area code)	10. Field and Pool or Natural Buttes/Was	
Denver, CO 80202  4. Location of Well ( <i>Footage</i> , <i>Sec.</i> , <i>T.</i> , 2051' FSL & 857' FWL (NWSW)  Sec. 32-T8S-R23E 40.077619 LAT 109.35729	R.,M., or Survey Description 7 LON	<u> </u>		11. Country or Parish Uintah County, Utal	, State
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO INDICATE N	ATURE OF NOTI	CE, REPORT OR OTH	IER DATA
TYPE OF SUBMISSION			TYPE OF ACT	LION	
Notice of Intent	Acidize	Deepen	=	duction (Start/Resume)	Water Shut-Off
	Alter Casing  Casing Repair	Fracture Treat  New Constructi	=	lamation omplete	Well Integrity  Other Drilling operations
✓ Subsequent Report	Change Plans	Plug and Aband	=	porarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wat	er Disposal	
determined that the site is ready fo  No completion work has been perfo	- '	Pending further evalua	tion, completion o	perations will begin i	n the first quarter of 2008.
14. I hereby certify that the foregoing is t	rue and correct.				
Name (Printed/Typed) Mary A. Maestas		Title R	egulatory Assista	nt	
Signature Wary ()	Marke	Date 1	1/27/2007		
	THIS SPACE	FOR FEDERAL O	R STATE OF	FICE USE	
Approved by					

Title

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any contract the United States any false,

entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Date



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5. Lease Serial No. UTU-56965

6.	If Indian,	Allottee	or	Tribe	Name

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals

	Use Form 3160-3 (A					
SUBMI	T IN TRIPLICATE - Othe	r instructions on p	age 2.		7. If Unit of CA/Agree	ment, Name and/or No.
1. Type of Well		-				
Oil Well Gas V	Vell Other				8. Well Name and No. Hoss 20-32	
2. Name of Operator EOG Resources, Inc.		,			9. API Well No. 43-047-38717	
3a. Address 600 17th Street, Suite 1000N		3b. Phone No. (in	clude area code	2)	10. Field and Pool or E	
Denver, CO 80202		303-824-5526			Natural Buttes/Wasa	
4. Location of Well (Footage, Sec., T., 2051' FSL & 857' FWL (NWSW) Sec. 32-T8S-R23E 40.077619 LAT 109.35729	R.,M., or Survey Description 7 LON	n)			11. Country or Parish, Uintah County, Utah	
12. CHEC	CK THE APPROPRIATE BO	OX(ES) TO INDICA	ATE NATURE	OF NOTIC	E, REPORT OR OTHE	ER DATA
TYPE OF SUBMISSION			TYP	E OF ACT	ION	
Notice of Intent	Acidize	Deepen		Produ	uction (Start/Resume)	Water Shut-Off
	Alter Casing	Fracture	Treat	Recla	amation	Well Integrity
Subsequent Report	Casing Repair	New Cor	nstruction	Reco	mplete	Other Drilling operations
	Change Plans		Abandon	Temp	orarily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Bac	.k	Wate	r Disposal	
testing has been completed. Final determined that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for No completion work has been performanced that the site is ready for the site is	r final inspection.) rmed on the subject well.	·	•			•
Name (Printed/Typed)	rue and correct.					
Mary A. Maestas		Ti	tle Regulatory	y Assistan	t	
Signature Mary (	1. Maura	Da	ate 02/11/200	8		
	THIS SPACE	FOR FEDERA	AL OR STA	TE OFF	ICE USE	
Approved by						
Conditions of approval, if any, are attached that the applicant holds legal or equitable the applicant to conduct operations	itle to those rights in the subjecthereon.	ct lease which would	Office			rate
Title 18 U.S.C. Section 1001 and Title 43 fictitious or fraudulent statements or repre			n knowingly and	willfully to	make to any department	or agency of the United States any false,
(Instructions on page 2)					CCD 13	2008

### NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
  - · Form 8, Well Completion or Recompletion Report and Log
  - · A copy of electric and radioactivity logs, if run
  - A copy of drillstem test reports.
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice,	the division has not re	eceived the required	reports for
Operator: EOG Resources, Inc		Today's Dat	e:02/14/2008
Well:		API Number:	Drilling Commenced:
See Attachment	43 047 HOSS 20 85 23	- 32	

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

Well:		API Number:	Commenced:
Pete's Wash 10-36	drlg rpts/wcr	4301333094	10/18/2006
Hoss 8-31	wcr	4304738606	11/30/2006
Simoleon 1-26GR	drlg rpts/wcr	4304737507	02/23/2007
Hoss 7-31	drlg rpts/wcr	4304738669	02/23/2007
E Chapita 8-16	drlg rpts/wcr	4304736815	03/17/2007
Hoss 1-36	drlg rpts/wcr	4304738612	03/22/2007
Hoss 11-31	drlg rpts/wcr	4304738670	03/24/2007
Hoss 35-30	drlg rpts/wcr	4304738706	03/24/2007
Hoss 36-30	drlg rpts/wcr	4304738763	03/24/2007
Hoss 21-32	drlg rpts/wcr	4304738714	04/09/2007
Hoss 20-32	drlg rpts/wcr	4304738717	04/17/2007
Hoss 23-32	drlg rpts/wcr	4304738716	04/25/2007
Hoss 4-36	drlg rpts/wcr	4304738609	05/03/2007
Hoss 32-30	drlg rpts/wcr	4304738701	06/12/2007
Hoss 37-30	drlg rpts/wcr	4304738709	06/12/2007
NBU 319-17E	drlg rpts/wcr	4304737511	07/05/2007
NBU 557-18E	drlg rpts/wcr	4304737513	07/07/2007
Hoss 38-30	drlg rpts/wcr	4304738708	07/11/2007
CWU 1237-21	wcr	4304738078	07/27/2007
Hoss 58-35	drlg rpts/wcr	4304738888	08/03/2007
Hoss 31-30	drlg rpts/wcr	4304738702	08/10/2007
Hoss 63-31	drlg rpts/wcr	4304738960	08/10/2007
NBU 556-18E	drlg rpts/wcr	4304737514	08/13/2007
CWU 957-32	drlg rpts/wcr	4304736486	08/16/2007
NBU 555-18E	drlg rpts/wcr	4304737685	08/19/2007
Hoss 62-36	drlg rpts/wcr	4304738972	08/28/2007
NBU 438-19E	drlg rpts/wcr	4304737534	08/31/2007
N Chapita 284-6	drlg rpts/wcr	4304737716	09/05/2007
CWU 1031-32	drlg rpts/wcr	4304737720	09/10/2007
Hoss 64-36	drlg rpts/wcr	4304738964	09/13/2007
CWU 963-33	drlg rpts/wcr	4304738961	09/14/2007
NBU 565-30E	drlg rpts/wcr	4304737533	09/20/2007
CWU 1328-32	drlg rpts/wcr	4304739301	09/27/2007
N Chapita 339-34	drlg rpts/wcr	4304738061	10/04/2007
NBU 562-19E	drlg rpts/wcr	4304737536	10/08/2007
CWU 1112-27	drlg rpts/wcr	4304737384	10/09/2007

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS** 

F	ORM	[A]	PP	RO	VED
0)	MB N	Vо.	10	04-	0137
-		-		~ -	

Expires: July 31, 2010

5. Lease Serial No. UTU-56965

6. If Indian, Allottee or Tribe Name

	form for proposals to drill ( Use Form 3160-3 (APD) for					
SUBMI	T IN TRIPLICATE – Other instruction	ons on page 2.	7. If Unit of CA/Agree	ement, Name and/or No.		
1. Type of Well						
Oil Well Gas V	Vell Other		8. Well Name and No. Hoss 20-32			
2. Name of Operator EOG Resources, Inc.			9. API Well No. 43-047-38717			
3a. Address	3b. Phon	e No. (include area code)	10. Field and Pool or I	Exploratory Area		
600 17th Street, Suite 1000N Denver, CO 80202	303-824	-5526	Natural Buttes/Wasa	atch/Mesaverde		
4. Location of Well <i>(Footage, Sec., T.,</i> 2051' FSL & 857' FWL (NWSW) Sec. 32-T8S-R23E 40.077619 LAT 109.35729	R.,M., or Survey Description) 7 LON		11. Country or Parish, Uintah County, Utah			
12. CHE	CK THE APPROPRIATE BOX(ES) TO	) INDICATE NATURE OF N	OTICE, REPORT OR OTH	ER DATA		
TYPE OF SUBMISSION		TYPE OF	ACTION			
Notice of Intent	Acidize	Deepen	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity		
✓ Subsequent Report	Casing Repair	New Construction	Recomplete	Other Drilling operations		
- Subsequent respect	Change Plans	Plug and Abandon	Temporarily Abandon	<del></del>		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			
determined that the site is ready for No completion work has been performed.	ormed on the subject well. Pending	further evaluation, completi	on operations will begin ir	n the first quarter of 2008.		
14. I hereby certify that the foregoing is Name (Printed/Typed)	true and correct.					
Mary A. Maestas		Title Regulatory Ass	sistant	.:		
Signature Mary (	1. Marja	Date 03/11/2008				
	THIS SPACE FOR F	EDERAL OR STATE	OFFICE USE			
Approved by						
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Title		Date		
	<li>d. Approval of this notice does not warra title to those rights in the subject lease wh thereon.</li>			<del></del>		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department ( Let Volte Sates any false,

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OMB NO. 1004-0135	,
Expires: July 31, 2010	•

SUNDRY Do not use thi	NOTICES AND REPO is form for proposals to II. Use form 3160-3 (AP	RTS ON WI	-enter an		5. Lease Serial No. UTU56965 6. If Indian, Allottee of	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	ctions on rev	erse side.		7. If Unit or CA/Agree	ement, Name and/or No.
Type of Well     Oil Well	ner				8. Well Name and No. HOSS 20-32	
2. Name of Operator EOG RESOURCES, INC		MARY A. MA	AESTAS urces.com		9. API Well No. 43-047-38717	er e
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00 N.	3b. Phone No Ph: 303-82	. (include area cod 4-5526	e)	10. Field and Pool, or NATURAL BUT	Exploratory TES/WASATCH/MV
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	1)			11. County or Parish,	and State
Sec 32 T8S R23E NWSW 205 40.07762 N Lat, 109.35730 W					UINTAH COUN	TY, UT
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE C	F ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
_	Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	☐ Well Integrity
Subsequent Report	□ Casing Repair	■ New	Construction	□ Recomp	olete	Other
☐ Final Abandonment Notice	☐ Change Plans	Plug	and Abandon	☐ Tempor	arily Abandon	Production Start-up
	☐ Convert to Injection	Plug	Back	☐ Water I	Disposal	
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for firms. The referenced well was turne report for drilling and completion of the involved testing has been completed. Final At determined that the site is ready for firms are port for drilling and completion.	ally or recomplete horizontally, k will be performed or provide operations. If the operation repandoment Notices shall be fil inal inspection.)  and to sales on 4/10/2008. On operations performed	give subsurface the Bond No. or sults in a multiple ed only after all in Please see the on the subject	locations and meas in file with BLM/BI e completion or recequirements, inclu e attached ope t well.	sured and true ve A. Required sul completion in a re ding reclamation erations summ	ertical depths of all pertin osequent reports shall be new interval, a Form 316 n, have been completed, a	ent markers and zones. filed within 30 days 0-4 shall be filed once
New (District Trans) MADV A			INC, sent to the		•	
Name(Printed/Typed) MARY A.	MAESTAS		THE REGU	LATORT AS	SISTANT	
Signature \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			Date 04/11/			
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By			Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conduction of th	uitable title to those rights in the		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any pe s to any matter w	erson knowingly an ithin its jurisdiction	nd willfully to m	ake to any department or	

RECEIVED TO CHEMITTED # OPERATOR CHEMITTED #

### WELL CHRONOLOGY REPORT

Report Generated On: 04-11-2008

Well Name	HOSS 020-32	Well Type	DEVG	Division	DENVER
Field	PONDEROSA	API#	43-047-38717	Well Class	COMP
County, State	UINTAH, UT	Spud Date	05-27-2007	Class Date	
Tax Credit	N	TVD / MD	9,780/ 9,780	Property #	059916
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0
KB / GL Elev	4,907/ 4,891				
Location	Section 32, T8S, R23E, NW	SW, 2051 FSL & 85	7 FWL		
Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	100.0	NRI %	67.0

Operator	EO	G RESOURC	ES, INC	WI %	100	0.0		NRI %		67.0	
AFE No		304279		AFE Total	1	2,187,100		DHC/0	CWC	1,010	,500/ 1,176,600
Rig Contr	TRU	Έ	Rig Nam	e TRU	E #31	Start Date	10-	-18-2006	Release ?	Date	06-07-2007
10-18-2006	Re	eported By	S	HARON WHIT	TLOCK						
DailyCosts: Da	rilling	\$0		Co	mpletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Co	mpletion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR De	<b>pth</b> : 0.0	)

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

2051' FSL & 857' FWL (NW/SW) SECTION 32, T8S, R23E UINTAH COUNTY, UTAH

LAT 40.077656, LONG 109.356617 (NAD 27)

TRUE RIG #31

OBJECTIVE: 9780' TD, MESAVERDE

DW/GAS

PONDEROSA PROSPECT DD&A: CHAPITA DEEP FIELD: NATURAL BUTTES

LEASE: UTU- 56965

ELEVATION: 4889.9' NAT GL, 4890.5' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4891'), 4907' KB

(16')

EOG WI 100%, NRI 67%

04-11-2007 Reported By

TERRY CSERE

DailyCosts: Drilling

\$38,000

Completion

\$0

**Daily Total** 

\$38,000

=	\$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	: 0.0	\	Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at Report Ti	me: BUILDING LOCA	ATION							
Start End	Hrs Activity De	escription							
06:00 06:00	24.0 STARTED R	ROAD CONSTRUC	TION.						
04-12-2007 Re	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	$\mathbf{MW}$	0.0	Visc	0.0
Formation :	PBTD	: 0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at Report Ti	me: BUILDING LOC	ATION							
Start End	Hrs Activity De	escription							
06:00 06:00	24.0 LOCATION	40% COMPLETE.							
04-13-2007 Re	eported By	BRYON TOLMAN	1						
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	\$38,000	Com	pletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	<b>TVD</b> 0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD	_		Perf:			PKR Dep	oth: 0.0	
Activity at Report Tir	me: BUILD LOCATIC	)N					-		
Start End	Hrs Activity De	escription							
06:00 06:00	-	50% COMPLETE.							
04-16-2007 Re	eported By	TERRY CSERE							
DailyCosts: Drilling	\$0	Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: Drilling	#20 000		lation	60			001- 4 - N		
	\$38,000	Com	pletion	\$0		Well	totai	\$38,000	
_	\$38,000 <b>TVD</b> 0	Progress	o O	Days	0	Well '	0.0	\$38,000 <b>Visc</b>	0.0
<b>MD</b> 0		Progress	_		0			Visc	0.0
_	<b>TVD</b> 0 <b>PBTD</b>	Progress: 0.0	_	Days	0		0.0	Visc	0.0
MD 0  Formation: Activity at Report Tin	TVD 0 PBTD me: BUILD LOCATIO	Progress: 0.0	_	Days	0		0.0	Visc	0.0
MD 0  Formation: Activity at Report Tin	TVD 0 PBTD me: BUILD LOCATIO	Progress : 0.0 ON escription	_	Days	0		0.0	Visc	0.0
MD 0  Formation: Activity at Report Tin Start End 06:00 06:00	TVD 0 PBTD me: BUILD LOCATIO Hrs Activity De	Progress : 0.0 ON escription	_	Days	0		0.0	Visc	0.0
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MD 0  Formation: Activity at Report Tin Start End 06:00 06:00	TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 PUSHING O	Progress : 0.0 ON escription OUT PIT. TERRY CSERE Com	_	Days Perf:	0	MW	0.0 PKR Dep	Visc oth: 0.0	0.0
MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  04-17-2007 Re DailyCosts: Drilling Cum Costs: Drilling	TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 PUSHING O  eported By \$0 \$38,000	Progress : 0.0 ON escription OUT PIT. TERRY CSERE Com Com	0 upletion	Days Perf:  \$0 \$0	0	MW Daily Well	0.0 PKR Dep	Visc oth: 0.0	0.0
MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  04–17–2007 Re DailyCosts: Drilling Cum Costs: Drilling	TVD 0 PBTD me: BUILD LOCATIO Hrs Activity Do 24.0 PUSHING C  eported By \$0 \$38,000 TVD 0	Progress : 0.0 ON escription OUT PIT. TERRY CSERE Com Com Progress	0 upletion	Days Perf:		MW Daily	0.0  PKR Dep  Total  Total	Visc oth: 0.0 \$0 \$38,000 Visc	
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	s: Drilling	\$38,000	I	Con	pletion	\$0		Well	Total	\$38,000	
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı:	F	<b>PBTD</b> : (	0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at	Report Ti	ne: WO AIR R	IG								
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00	CON	DUCTOR	T PIT. ROCKY L CEMENT TO S ND MICHAEL I	SURFACE	WITH READY	Y MIX. JEF	RRY BARNES	S NOTIFIED		
04-19-200	)7 Re	ported By	Т	ERRY CSERE							
DailyCost:	s: Drilling	\$0		Con	pletion	\$0		Daily	Total	\$0	
Cum Cost	s: Drilling	\$38,000	,	Con	pletion	\$0		Well	Total	\$38,000	
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ι:	I	PBTD : (	0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
		ne: BUILD LC	CATION								
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00	24.0 PUSI	-	_							
04-20-200	07 Re	ported By	Т	ERRY CSERE							
DailyCost:	s: Drilling	\$0		Con	pletion	\$0		Daily	Total	\$0	
Cum Cost	s: Drilling	\$38,000	)	Con	pletion	\$0		Well	Total	\$38,000	
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	ı:		PBTD : (	Ü		Perf:			PKR De	<b>pth</b> : 0.0	
Activity at	Report Ti	ne: BUILD LC	CATION						•	•	
Start	End	Hrs Activ	vity Desc	cription							
06:00	06:00	24.0 PUSI	IING OU	T PIT.							
04-23-200	07 Re	ported By	T	ERRY CSERE							
DailyCost:	s: Drilling	\$0		Con	pletion	\$0		Daily	Total	\$0	
Cum Cost	s: Drilling	\$38,000	,	Con	pletion	\$0		Well	Total	\$38,000	
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
WID							U				
	ı :	1	PBTD:	Ü		Perf:	Ü		PKR De	<b>pth:</b> 0.0	
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Formation	Report Ti	ne: BUILD LO	CATION	0.0		_	v		PKR De	<b>pth:</b> 0.0	
Formation Activity at		ne: BUILD LO	CATION	o.o cription		_	v		PKR De	<b>pth:</b> 0.0	
Formation Activity at Start 06:00	End 06:00	ne: BUILD LO	OCATION  vity Dese	o.o cription		_			PKR De	<b>pth</b> : 0.0	
Formation Activity at Start 06:00 04-24-20	E Report Tin End 06:00 07 Re	ne: BUILD LC Hrs Acti 24.0 PUSE	OCATION  vity Dese	cription T PIT. ERRY CSERE	upletion	_				<b>pth :</b> 0.0	
Formation Activity at Start 06:00 04-24-200 DailyCost	End 06:00 Res: Drilling	ne: BUILD LO Hrs Acti 24.0 PUSE	ocation vity Desc HING OU	0.0 cription T PIT. ERRY CSERE Con	npletion	Perf:		Daily	<sup>7</sup> Total		
Formation Activity at Start 06:00 04–24–200 Daily Cost: Cum Cost	End 06:00  77 Rese: Drilling	Hrs Active 24.0 PUSH ported By \$0 \$38,000	OCATION  vity Description  T	0.0 cription T PIT. ERRY CSERE Con	pletion	<b>Perf:</b> \$0 \$0		Daily Well	<sup>7</sup> Total Total	\$0 \$38,000	0.0
Formation Activity at Start 06:00 04-24-200 Daily Costs Cum Cost	End 06:00 7 Res: Drilling s: Drilling 40	Hrs Active 24.0 PUSH ported By \$0 \$38,000	vity Describing OU  T  40	cription T PIT. ERRY CSERE Con Con Progress	•	\$0 \$0 <b>Days</b>	0	Daily	<sup>7</sup> <b>Total Total</b> 0.0	\$0 \$38,000 <b>Visc</b>	0.0
Formation Activity at Start 06:00 04-24-200 Daily Cost: Cum Cost MD Formation	End 06:00 07 Ress: Drilling 40	Hrs Active 24.0 PUSE ported By \$0 \$38,000	ocation vity Describing OU T	cription T PIT. ERRY CSERE Con Con Progress	pletion	<b>Perf:</b> \$0 \$0		Daily Well	<sup>7</sup> Total Total	\$0 \$38,000 <b>Visc</b>	0.0
Formation Activity at Start 06:00 04-24-200 Daily Cost: Cum Cost MD Formation	End 06:00 07 Ress: Drilling 40	Hrs Active 24.0 PUSH ported By \$0 \$38,000  TVD Ine: BUILD LC	ocation vity Describing OU T	cription T PIT. ERRY CSERE Con Con Progress	pletion	\$0 \$0 <b>Days</b>		Daily Well	<sup>7</sup> <b>Total Total</b> 0.0	\$0 \$38,000 <b>Visc</b>	0.0

•	ts: Drilling ts: Drilling	\$0 \$38,0	000		npletion npletion	\$0 \$0		Daily Well T		\$0 \$38,000	
MD	40	TVD	40	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: BUILD I	LOCATION								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	06:00	24.0 LO	CATION C	OMPLETE.							
05-11-20	007 R	eported By	D	ALL COOK							
DailyCost	ts: Drilling	\$70,6	41	Con	npletion	\$0		Daily	Total	\$70,641	
Cum Cos	ts: Drilling	\$247.	841	Con	npletion	\$0		Well 7	l'otal	\$247,841	
MD	2,576	TVD	2,576	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	oth: 0.0	
Activity o	t Report Ti	me• WODT									

Activity at Report Time: WORT

Start End Hrs Activity Description

06:00 06:00

24.0 MIRU CRAIG'S AIR RIG #2 ON 4/27/2007. DRILLED 12–1/4" HOLE TO 2610' GL. HOLE DRILLED DRY. RAN 60 JTS (2560.22') OF 9–5/8", 36.0#, J–55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2576' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO CRAIG'S AIR RIG.

RU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 230 SX (156.5 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & ¼ #/SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAILED IN W/200 SX (41 BBLS) OF PREMIUM CEMENT W/2% CACL2 & ¼ #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/194.6 BBLS FRESH WATER. BUMPED PLUG W/500# @ 12:35 PM, 4/30/2007. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 150 BBL INTO DISPLACEMENT. CIRCULATED 34.6 BBLS OF LEAD CEMENT TO PIT. CEMENT FELL BACK AT SURFACE WHEN PLUG BUMPED.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 125 SX (25.6 BBLS) OF PREMIUM CEMENT W/4% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & CIRCULATED ± 0 BBL LEAD CEMENT TO PIT. WOC 1 HR, 0 MIN.

TOP JOB # 2: MIXED & PUMPED 50 SX (10.2 BBLS) OF PREMIUM CEMENT W/4% CaCl2 &  $\frac{1}{4}$ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. RETURNS, HOLE FILLED & STOOD FULL. RD BIG 4 CEMENTING.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY RAN AT THIS TIME.

DALL COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 4/27/2007 @ 2: 00 PM.

05-27-2007	Reported By	PAT CLARK			
DailyCosts: Drill	ing \$11,526	Completion	\$672	Daily Total	\$12,198
Cum Costs: Drill	ing \$259,461	Completion	\$672	Well Total	\$260,133

Reporte ling lling 040 TV rt Time: I Hrs	Activity Des 4.0 RDMO HOSS CONTACTED TRUCKS REI 5 MEN, 24 HO SAFETY ME FUEL – 2700 ed By \$58,275 \$317,736 D 3,040 PBTD: PRILLING Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	scription 5 21–32, MIRU HO D JAMIE SPARGE D CAROL DANIE LEASED @ 16:00 OURS. RIG WILL ETING W/ TRUC D GALS, USED 25 PAT CLARK  Con Progress 0.0  Scription  WORK @ 12:00 R KELLY VALVE	ER\\VERN ELS\\UTAF D, DERRIC L GO ON I EKING CR TO GALS.  Inpletion 454  ON 5-27- PSI LOW 2	AL BLM\\14:0 OIL AND GA K RAISED @ DAYWORK @ EW AND RIG \$0 \$672 Days Perf:	00\\5-25-07 AS\\14:10\\5 20:30. NOON ON CREW - M	NBOP TEST -25-07\\SP( 15-27-07 (4 10VING TH  Dail Well MW	CAND SPUD. UD. O HOUR RIG	MOVE). \$58,275 \$318,408 <b>Visc</b>	27.0
Reported ling 1940 TV Hrs 1900 1900 1900 1900 1900 1900 1900 190	Activity Des 4.0 RDMO HOSS CONTACTED TRUCKS REI 5 MEN, 24 HO SAFETY ME FUEL – 2700 ed By \$58,275 \$317,736 D 3,040 PBTD: PRILLING Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	S 21–32, MIRU HOD JAMIE SPARGED CAROL DANIE LEASED @ 16:00 OURS. RIG WILL ETING W/ TRUCE GALS, USED 25 PAT CLARK  Con Progress 0.0  Scription  WORK @ 12:00 R KELLY VALVE	ER\\VERN ELS\\UTAF D, DERRIC L GO ON I EKING CR TO GALS.  Inpletion 454  ON 5-27- PSI LOW 2	AL BLM\\14:0 OIL AND GA K RAISED @ DAYWORK @ EW AND RIG \$0 \$672 Days Perf:	00\\5-25-07 AS\\14:10\\5 20:30. NOON ON CREW - M	NBOP TEST -25-07\\SP( 15-27-07 (4 10VING TH  Dail Well MW	TAND SPUD.  UD.  O HOUR RIG E RIG, PPE.  y Total I Total  8.5	MOVE). \$58,275 \$318,408 <b>Visc</b>	27.0
Reported ling lling 040 TV Hrs. 100 100 100 100 100 100 100 100 100 10	4.0 RDMO HOSS CONTACTED CONTACTED TRUCKS REI 5 MEN, 24 HO SAFETY ME FUEL – 2700  2d By \$58,275 \$317,736  D 3,040 PBTD: PRILLING Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	S 21–32, MIRU HOD JAMIE SPARGED CAROL DANIE LEASED @ 16:00 OURS. RIG WILL ETING W/ TRUCE GALS, USED 25 PAT CLARK  Con Progress 0.0  Scription  WORK @ 12:00 R KELLY VALVE	ER\\VERN ELS\\UTAF D, DERRIC L GO ON I EKING CR TO GALS.  Inpletion 454  ON 5-27- PSI LOW 2	AL BLM\\14:0 OIL AND GA K RAISED @ DAYWORK @ EW AND RIG \$0 \$672 Days Perf:	00\\5-25-07 AS\\14:10\\5 20:30. NOON ON CREW - M	NBOP TEST -25-07\\SP( 15-27-07 (4 10VING TH  Dail Well MW	TAND SPUD.  UD.  O HOUR RIG E RIG, PPE.  y Total I Total  8.5	MOVE). \$58,275 \$318,408 <b>Visc</b>	27.0
ling lling  240 TV  rt Time: I  Hrs	FUEL – 2700 ed By	PAT CLARK  Con  Progress  0.0  Scription  TWORK @ 12:00  EST HIGH 5000 R  K KELLY VALVE	npletion npletion 454 ON 5–27– PSI LOW 2	\$0 \$672 <b>Days</b> <b>Perf :</b> 07. NUBOPE.	I	Dail Well MW	y Total I Total 8.5	\$318,408 <b>Visc</b>	27.0
ling lling  240 TV  rt Time: I  Hrs	\$58,275 \$317,736 D 3,040 PBTD: ORILLING Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	PAT CLARK  Con Con Progress 0.0  scription  WORK @ 12:00 TEST HIGH 5000 R KELLY VALVE	npletion npletion 454 ON 5–27– PSI LOW 2	\$672  Days  Perf:  07. NUBOPE.		Well	l Total 8.5	\$318,408 <b>Visc</b>	27.0
ling lling  240 TV  rt Time: I  Hrs	\$58,275 \$317,736 D 3,040 PBTD: PRILLING Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	Con Progress 0.0  scription  WORK @ 12:00  EST HIGH 5000 R  KELLY VALVE	npletion 454 454 ON 5–27– PSI LOW 2	\$672  Days  Perf:  07. NUBOPE.		Well	l Total 8.5	\$318,408 <b>Visc</b>	27.0
lling  240 TV  rt Time: I  Hrs  :000	\$317,736  D 3,040  PBTD:  ORILLING  Activity Des  6.0 RURT.  1.0 RIG ON DAY  3.0 TEST BOP. T  AND LOWER	Con Progress 0.0  scription  WORK @ 12:00  EST HIGH 5000 R  KELLY VALVE	npletion 454 454 ON 5–27– PSI LOW 2	Days Perf:  07. NUBOPE.		Well	l Total 8.5	Visc	27.0
rt Time: I Hrs :00	PBTD: ORILLING Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	0.0  scription  WORK @ 12:00  TEST HIGH 5000 R  KELLY VALVE	ON 5–27– PSI LOW 2	Perf:  07. NUBOPE. 250 PSI BLINI					27.0
rt Time: 1 Hrs :00	PBTD:  PRILLING  Activity Des  6.0 RURT.  1.0 RIG ON DAY  3.0 TEST BOP. T  AND LOWER	o.0 scription WORK @ 12:00 TEST HIGH 5000 R KELLY VALVE	PSI LOW	Perf:  07. NUBOPE. 250 PSI BLINI	O AND PIPE		PKR Dej	<b>pth:</b> 0.0	
Hrs::00	Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	WORK @ 12:00 EST HIGH 5000   R KELLY VALVE	PSI LOW	250 PSI BLINI	) AND PIPE				
Hrs::00	Activity Des 6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	WORK @ 12:00 EST HIGH 5000   R KELLY VALVE	PSI LOW	250 PSI BLINI	) AND PIPE				
:00	6.0 RURT. 1.0 RIG ON DAY 3.0 TEST BOP. T AND LOWER	WORK @ 12:00 EST HIGH 5000   R KELLY VALVE	PSI LOW	250 PSI BLINI	) AND PIPF				
	3.0 TEST BOP. T AND LOWER	EST HIGH 5000 I	PSI LOW	250 PSI BLINI	) AND PIPE				
	AND LOWER	R KELLY VALVE			O AND PIPE				
	BUSHING.	D LOW 230 FSI A			T VALVE, I	HCR, KILL I	LINE, CHECK		HIGH
:00	4.0 R/U WEATHI	ERFORD TRS. PI	U BHA &	TOOLS. TAG	CEMENT @	2500'. R/D	WEATHERF	ORD TRS.	
:30	3.5 INSTALL RO TO 2586'. PE	TATING RUBBE RFORM F.I.T. TO			-	P. FC @ 2533	3', FS @ 2576'	. DRILL 10' OP	'EN HOLE
:00	6.5 DRILL 2586'	– 3040°. WOB 10	)–14K, RP	M 55/67, SPP	800 PSI, DP	9 300 PSI, RC	OP 70 FPH.		
	SAFETY ME FORMATION BG GAS – 22 LITHOLOGY	ETINGS – RIGG N – GREEN RIVE 20–1200U, CONN ( – SS–10%, SH -	ING UP, PA ER. VGAS – 11 – 80%, LIM	U BHA. 97–5462U, H 1ESTONE – 1	IGH GAS –		322'.		
		·	S – 28 SP(	).					
1	8.0 SPUD 7 7/8"	HOLE AT 23:30 F	HRS, 5/27/	07.			<b>-</b>		
Report	ed By	PAT CLARK							
ling lling	\$47,923 \$365,659		-	\$0 \$672			•	\$47,923 \$366,331	
-	<b>D</b> 4,695		1,655	Days	2	MW	8.8	Visc	29.0
- •	-	9	•	-					
lli	Reporte ing ing	SAFETY ME FORMATION BG GAS – 22 LITHOLOGY CURRENT M FUEL – 2970  18.0 SPUD 7 7/8"  Reported By ing \$47,923 ing \$365,659 PBTD :	SAFETY MEETINGS – RIGG FORMATION – GREEN RIVE BG GAS – 220–1200U, CONN LITHOLOGY – SS–10%, SH – CURRENT MW – 8.8 PPG, VI FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 J Reported By PAT CLARK ing \$47,923 Cor ing \$365,659 Cor PS TVD 4,695 Progress PBTD: 0.0	SAFETY MEETINGS – RIGGING UP, P/FORMATION – GREEN RIVER.  BG GAS – 220–1200U, CONN GAS – 11  LITHOLOGY – SS–10%, SH – 80%, LIM  CURRENT MW – 8.8 PPG, VIS – 28 SPC  FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 HRS, 5/27/0  Reported By PAT CLARK  ing \$47,923 Completion  95 TVD 4,695 Progress 1,655  PBTD: 0.0	SAFETY MEETINGS – RIGGING UP, P/U BHA.  FORMATION – GREEN RIVER.  BG GAS – 220–1200U, CONN GAS – 1197–5462U, HI  LITHOLOGY – SS–10%, SH – 80%, LIMESTONE – 10  CURRENT MW – 8.8 PPG, VIS – 28 SPQ.  FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 HRS, 5/27/07.  Reported By PAT CLARK  ing \$47,923 Completion \$0  ing \$365,659 Completion \$672  25 TVD 4,695 Progress 1,655 Days  PBTD: 0.0 Perf:	SAFETY MEETINGS – RIGGING UP, P/U BHA.  FORMATION – GREEN RIVER.  BG GAS – 220–1200U, CONN GAS – 1197–5462U, HIGH GAS –  LITHOLOGY – SS–10%, SH – 80%, LIMESTONE – 10%.  CURRENT MW – 8.8 PPG, VIS – 28 SPQ.  FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 HRS, 5/27/07.  Reported By PAT CLARK  ing \$47,923 Completion \$0  ing \$365,659 Completion \$672  PBTD: 0.0 Perf:	FORMATION – GREEN RIVER.  BG GAS – 220–1200U, CONN GAS – 1197–5462U, HIGH GAS – 4469U @ 23 LITHOLOGY – SS–10%, SH – 80%, LIMESTONE – 10%.  CURRENT MW – 8.8 PPG, VIS – 28 SPQ.  FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 HRS, 5/27/07.  Reported By PAT CLARK  ing \$47,923 Completion \$0 Dail  ing \$365,659 Completion \$672 Well  25 TVD 4,695 Progress 1,655 Days 2 MW  PBTD: 0.0 Perf:	SAFETY MEETINGS – RIGGING UP, P/U BHA.  FORMATION – GREEN RIVER.  BG GAS – 220–1200U, CONN GAS – 1197–5462U, HIGH GAS – 4469U @ 2822'.  LITHOLOGY – SS–10%, SH – 80%, LIMESTONE – 10%.  CURRENT MW – 8.8 PPG, VIS – 28 SPQ.  FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 HRS, 5/27/07.  Reported By PAT CLARK  ing \$47,923 Completion \$0 Daily Total  ing \$365,659 Completion \$672 Well Total  25 TVD 4,695 Progress 1,655 Days 2 MW 8.8  PBTD: 0.0 Perf: PKR De	SAFETY MEETINGS – RIGGING UP, P/U BHA.  FORMATION – GREEN RIVER.  BG GAS – 220–1200U, CONN GAS – 1197–5462U, HIGH GAS – 4469U @ 2822'.  LITHOLOGY – SS–10%, SH – 80%, LIMESTONE – 10%.  CURRENT MW – 8.8 PPG, VIS – 28 SPQ.  FUEL – 2970 GALS.  18.0 SPUD 7 7/8" HOLE AT 23:30 HRS, 5/27/07.  Reported By PAT CLARK  ing \$47,923

Start	End	Hrs	Activity Desc	cription							
06:00	06:30		DRILL 3040' -	- 3069'. WOB 14	4K, RPM 55	5/67, SPP 800	PSI, DP 300	PSI, ROP 5	8 FPH.		
06:30	07:00	0.5	SURVEY @ 29	990' – 1 DEG.							
07:00	12:30	5.5	DRILL 3069' -	· 3480'. SAME 1	PARAMETI	ERS, ROP 75	FPH.				
12:30	13:00	0.5	RIG SERVICE.	. CHECK C.O.N	M., FUNCTI	ON PIPE RA	MS.				
13:00	20:00	7.0	DRILL 3480' -	4041'. SAME I	PARAMETI	ERS, ROP 80	FPH.				
20:00	20:15	0.25	SURVEY @ 39	966' – 1 DEG.							
20:15	06:00	9.75	DRILL 4041' -	4695'. WOB 1	5-19K, RPN	4 50–70/67, S	SPP 1315 PSI	, DP 250-35	50 PSI, ROP 6	7 FPH.	
			FULL CREWS	, NO ACCIDEN	NTS, BOP D	RILLS BOTH	I TOURS.				
			SAFETY MEE	TINGS – SNAK	KES, CONN	ECTIONS.					
			FORMATION -	- GREEN RIVE	ER @ 2093'						
			BG GAS - 250	–2000U, CONN	N GAS 80	)4800U, HI	GH GAS 72	274U @ 456	0'.		
			LITHOLOGY -	- SH-50%, SS-	-30%, LS-2	0%.					
			CURRENT MV		-						
			FUEL - 10,000	GALS, USED	– 950 GAL	S.					
05-30-20	)07 Re	ported I	By PA	AT CLARK							
DailyCos	ts: Drilling	\$4	40,058	Con	mpletion	\$0		Daily	Total	\$40,058	
Cum Cos	ts: Drilling	\$4	405,717	Con	mpletion	\$672		Well	Total	\$406,389	
MD	5,620	TVD	5,620	Progress	925	Days	3	MW	9.4	Visc	32.0
TO 4*			mmm o							41 00	
Formatio	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
	n : at Report Ti	me: DRII		1.0		Perf:			PKR De	<b>pth:</b> 0.0	
		me: DRII Hrs				Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	at Report Ti	Hrs	LING	cription	4–19K, RPN		SPP 1200 PSI	, DP 150 PS			
Activity a	at Report Ti End	Hrs 8.25	LING Activity Desc	e <b>ription</b> - 4950'. WOB 14		<b>1</b> 50–65/67, S		, DP 150 PS			
Activity a Start 06:00	at Report Ti End 14:15	Hrs 8.25 0.5	LLING Activity Desc DRILL 4695' –	e <b>ription</b> - 4950°, WOB 14 . CHECK C.O.N	M., FUNCTI	1 50–65/67, S ON PIPE RA	MS.	, DP 150 PS			
Activity a Start 06:00 14:15	et Report Ti End 14:15 14:45	Hrs 8.25 0.5 2.0	LLING  Activity Desc  DRILL 4695' –  RIG SERVICE.	eription 4950', WOB 14 CHECK C.O.N 5013', SAME 1	M., FUNCTI	1 50–65/67, S ON PIPE RA	MS.	, DP 150 PS			
Activity a Start 06:00 14:15 14:45	End 14:15 14:45 16:45	8.25 0.5 2.0 0.5	LLING  Activity Desc  DRILL 4695' –  RIG SERVICE.  DRILL 4950' –	eription - 4950'. WOB 14 - CHECK C.O.N - 5013'. SAME 1 - 38' – 1 DEG.	M., FUNCTI PARAMETI	4 50–65/67, S ON PIPE RA ERS, ROP 32	MS. FPH.		I, ROP 31 FP	н.	
Activity a  Start  06:00  14:15  14:45  16:45	End 14:15 14:45 16:45 17:15	8.25 0.5 2.0 0.5	LLING  Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49	eription 4950', WOB 14 CHECK C.O.N 5013', SAME 1 38' – 1 DEG. 5620', WOB 1	M., FUNCTI PARAMETI 5-19K, RPN	1 50–65/67, S ON PIPE RA ERS, ROP 32 1 55–65/67, S	MS. FPH. SPP 1350 PSI		I, ROP 31 FP	н.	
Activity a  Start  06:00  14:15  14:45  16:45	End 14:15 14:45 16:45 17:15	8.25 0.5 2.0 0.5	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE	eription 4950'. WOB 14 CHECK C.O.N 5013'. SAME 1 038' – 1 DEG. 5620'. WOB 15 , NO ACCIDEN TINGS – CON	M., FUNCTI PARAMETI 5–19K, RPM NTS, BOP D NECTIONS	// 50–65/67, \$ ON PIPE RA ERS, ROP 32 // 55–65/67, \$ RILLS BOTH	MS. FPH. SPP 1350 PSI		I, ROP 31 FP	н.	
Activity a  Start  06:00  14:15  14:45  16:45	End 14:15 14:45 16:45 17:15	8.25 0.5 2.0 0.5	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION -	eription - 4950', WOB 14 - CHECK C.O.M - 5013', SAME 1 - 938' – 1 DEG. - 5620', WOB 1: -, NO ACCIDEN TINGS – CON! – WASATCH @	M., FUNCTI PARAMETI 5-19K, RPM NTS, BOP D NECTIONS  5027'.	1 50–65/67, \$ ON PIPE RA ERS, ROP 32 1 55–65/67, \$ RILLS BOTH PPE.	MS. FPH. SPP 1350 PSI I TOURS.	, DP 200–35	I, ROP 31 FP:	н.	
Activity a  Start  06:00  14:15  14:45  16:45	End 14:15 14:45 16:45 17:15	8.25 0.5 2.0 0.5	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION – BG GAS – 100	2:ription 1:4950', WOB 14 1: CHECK C.O.M 1:5013', SAME 11 1:38' – 1 DEG. 1:5620', WOB 11 1:, NO ACCIDEN TINGS – CONN 1:-WASATCH @ 1:300U, CONN	M., FUNCTI PARAMETI 5-19K, RPN NTS, BOP D NECTIONS 9 5027'. GAS - 400	1 50–65/67, S ON PIPE RA ERS, ROP 32 1 55–65/67, S RILLS BOTH PPE. –1800U, HIG	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35	I, ROP 31 FP:	н.	
Activity a  Start  06:00  14:15  14:45  16:45	End 14:15 14:45 16:45 17:15	8.25 0.5 2.0 0.5	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION - BG GAS – 100 LITHOLOGY -	eription  4950'. WOB 14  CHECK C.O.N  5013'. SAME 1  038' – 1 DEG.  5620'. WOB 15  NO ACCIDEN  TINGS – CON1  WASATCH @  1–300U, CONN  SS–30%, SH–	M., FUNCTI PARAMETI 5-19K, RPN VTS, BOP D NECTIONS 9 5027'. GAS - 400 -50%, RED	4 50–65/67, S ON PIPE RA ERS, ROP 32 4 55–65/67, S RILLS BOTH PPE. –1800U, HIG SHALE – 20	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35	I, ROP 31 FP:	н.	
Activity a Start 06:00 14:15 14:45 16:45	End 14:15 14:45 16:45 17:15	8.25 0.5 2.0 0.5	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION – BG GAS – 100 LITHOLOGY – CURRENT MV	eription  4950', WOB 14  CHECK C.O.M  5013', SAME 1938' – 1 DEG.  5620', WOB 15  NO ACCIDEN  TINGS – CONP  WASATCH @  1300U, CONN  SS-30%, SH-  W – 9.5 PPG, VI	M., FUNCTI PARAMETI 5-19K, RPM NTS, BOP D NECTIONS 9 5027'. GAS - 400 -50%, RED IS - 35 SPQ	4 50–65/67, S ON PIPE RA ERS, ROP 32 4 55–65/67, S RILLS BOTH PPE. –1800U, HIG SHALE – 20	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35	I, ROP 31 FP:	н.	
Activity a Start 06:00 14:15 14:45 16:45 17:15	14:15 14:45 16:45 17:15 06:00	8.25 0.5 2.0 0.5 12.75	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION – BG GAS – 100 LITHOLOGY – CURRENT MV FUEL – 8735 C	2. cription 2. 4950'. WOB 14 2. CHECK C.O.N 2. 5013'. SAME 1 2. 5620'. WOB 15 3. NO ACCIDEN TINGS – CON 4. WASATCH @ 4. 300U, CONN 5. SS-30%, SH- W – 9.5 PPG, VI GALS, USED 12	M., FUNCTI PARAMETI 519K, RPN VTS, BOP D NECTIONS 9 5027'. GAS - 40050%, RED IS - 35 SPQ 265 GALS.	4 50–65/67, S ON PIPE RA ERS, ROP 32 4 55–65/67, S RILLS BOTH PPE. –1800U, HIG SHALE – 20	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35	I, ROP 31 FP:	н.	
Activity a  Start  06:00  14:15  14:45  16:45  17:15	End 14:15 14:45 16:45 17:15 06:00	Hrs 8.25 0.5 2.0 0.5 12.75	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION – BG GAS – 100 LITHOLOGY – CURRENT MV FUEL – 8735 C	2. AT CLARK/JC S	M., FUNCTI PARAMETI 5-19K, RPM NTS, BOP D NECTIONS 9 5027'. GAS - 400 -50%, RED IS - 35 SPQ 265 GALS. SULLIVAN	4 50–65/67, S ON PIPE RA ERS, ROP 32 4 55–65/67, S RILLS BOTH PPE. –1800U, HIG SHALE – 20	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35 46U @ 5017	I, ROP 31 FP:	н.	
Activity a  Start  06:00  14:15  14:45  16:45  17:15  05-31-20  Daily Cos	End  14:15  14:45  16:45  17:15  06:00  007 Re  ts: Drilling	8.25 0.5 2.0 0.5 12.75	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION – BG GAS – 100 LITHOLOGY – CURRENT MV FUEL – 8735 C	2. cription 2. 4950', WOB 14 3. CHECK C.O.M. 2. 5013', SAME 13 38' – 1 DEG. 2. 5620', WOB 12 3. NO ACCIDEN TINGS – CONN 3. WASATCH @ 3. 300U, CONN 3. SS–30%, SH– 3. SP-9G, VI 3. GALS, USED 12 Cor	M., FUNCTI PARAMETI 5-19K, RPM VTS, BOP D NECTIONS 9 5027'. GAS - 40050%, RED IS - 35 SPQ 265 GALS. SULLIVAN mpletion	1 50–65/67, S ON PIPE RA ERS, ROP 32 1 55–65/67, S RILLS BOTH PPE. -1800U, HIG SHALE – 20	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35 46U @ 5017 <b>Dail</b> y	I, ROP 31 FP:	Н.	
Activity a  Start  06:00  14:15  14:45  16:45  17:15  05-31-20  Daily Cos  Cum Cos	14:15 14:45 16:45 17:15 06:00  007 Rets: Drilling	Hrs  8.25  0.5  2.0  0.5  12.75	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION – BG GAS – 100 LITHOLOGY – CURRENT MV FUEL – 8735 C By PA	2. cription 2. 4950', WOB 14 3. CHECK C.O.M 2. 5013', SAME 1 38' – 1 DEG. 3. 5620', WOB 11 3. NO ACCIDEN TINGS – CONN 4. WASATCH @ 1. 300U, CONN 5. SS–30%, SH– 3. W– 9.5 PPG, VI GALS, USED 12 AT CLARK/JC S Cor	M., FUNCTI PARAMETI 5-19K, RPM NTS, BOP D NECTIONS 9 5027'. GAS - 400 -50%, RED IS - 35 SPQ 265 GALS. SULLIVAN mpletion mpletion	4 50–65/67, \$ ON PIPE RA ERS, ROP 32 4 55–65/67, \$ RILLS BOTH PPE1800U, HIG SHALE – 20 .  \$0 \$672	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234 %.	, DP 200–35 46U @ 5017 <b>Dail</b> <b>Well</b>	I, ROP 31 FP: 50 PSI, ROP 4 , , v Total Total	%75,972 \$482,486	34.0
Activity a  Start  06:00  14:15  14:45  16:45  17:15  05-31-20  Daily Cos	End  14:15 14:45 16:45 17:15 06:00  007 Rests: Drilling 6,486	8.25 0.5 2.0 0.5 12.75	Activity Desc DRILL 4695' – RIG SERVICE. DRILL 4950' – SURVEY @ 49 DRILL 5013' – FULL CREWS. SAFETY MEE' FORMATION - BG GAS – 100 LITHOLOGY - CURRENT MV FUEL – 8735 C By PA	2. cription 2. 4950'. WOB 14 3. CHECK C.O.M. 2. 5013'. SAME 13 38' – 1 DEG. 2. 5620'. WOB 11 3. NO ACCIDENTINGS – CONN 3. WASATCH @ 3. 300U, CONN 3. SS–30%, SH– 3. W – 9.5 PPG, VI 3. GALS, USED 12 4. Cor Cor Progress	M., FUNCTI PARAMETI 5-19K, RPM VTS, BOP D NECTIONS 9 5027'. GAS - 40050%, RED IS - 35 SPQ 265 GALS. SULLIVAN mpletion	1 50–65/67, \$ ON PIPE RA ERS, ROP 32 1 55–65/67, \$ RILLS BOTH PPE1800U, HIG SHALE – 20	MS. FPH. SPP 1350 PSI 1 TOURS. H GAS – 234	, DP 200–35 46U @ 5017 <b>Dail</b> y	I, ROP 31 FP. 50 PSI, ROP 4	%75,972 \$482,486 <b>Visc</b>	34.0

Activity a	t Report Ti	me: DRL	.G @ 6486'
Start	End	Hrs	Activity Description
06:00	17:00	11.0	DRILLED F/ 5620' –6049 ' WOB 18–20,GPM 422,STKS 120, PSI 1310, DIF PSI 250– 350, MTR 67, ROTARY 60–73, RPM TOTAL 127–140. MUD WT 9.7 VIS 36. AVG ROP 39 FPH.
17:00	17:30	0.5	SERVICE RIG.

17:30 06:00 12.5 DRILLED F/6049' - 6486' WOB 18-20, GPM 422, STKS 12, PSI 1300 DIF PSI 250 -350, MTR 67, ROTARY 62, RPM TOTAL 129. MUD WT 9.8 VIS 36. AVG ROP 34.9 FPH.

NO INCIDENTS REPORTED, WEATHER CLEAR & 48°, FULL CREWS

SAFETY MEETINGS PPE ,TEAMWORK & PICKING UP PIPE

FORMATIONS - CHAPITA WELLS @ 5693', BUCK CANYON @ 6390'

NO SHOWS

BG GAS - 90-200 UNITS, CONN GAS 350-2700 U-, HIGH GAS 8879 U @ 5606'

LITHOLOGY – SS 40 %, SH 40 %, RED SHALE 20 %.

FUEL - 7500 GALS, USED 1235 GALS.

Description   Description   Separate   Se				CHECKED CC	M			_				
Cum Costs: Drilling         \$528,969         Completion         \$1,358         Well Total         \$530,327           MD         7,197         TVD         7,197         Progress         711         Days         5 MW         9.9         Visc         36.0           Formation:         PBTD: 0.0         Perf:         PKR Depth: 0.0         36.0           Activity at Report Time:         DRILLED F/ 6486 '~ 6517' WOB 20~22, GPM 422, STKS 12, PSI 1300 DIF PSI 250~350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36. AVG ROP 31 FPH.           06:00         07:00         08:00         1.0         CIRCULATE BTTMS UP, PUMP SLUG & DROP TOTCO           08:00         11:00         3.0         TRIP, POOH L/D MTR.REAMERS & BIT 1. RECOVER TOTCO 1.75°.           11:00         12:30         1.5         P/ UP. 1.6 MUD MTR & BIT#2 & RIH TO SHIOE.           12:30         13:30         0.5         SERVICE RIG.           13:30         15:00         5.5         SERVICE RIG.           13:30         15:00         1.5         TRIP, RIH @ 6473'           15:00         15:30         0.5         SMSH/REAM F/ 6473' ~ 6517'. NO FILL.           15:30         0.6:00         14.5         DRILLED F/ 6517' ~ 7197', WOB 10~16, GPM 422.STKS 12, PSI 1540 DIF PSI 100~350, MTR 67, ROTARY 70, RI TOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.	06-01-200	7 Re	ported B	By JO	SULLIVAN							
MID 7,197 TVD 7,197 Progress 711 Days 5 MW 9.9 Visc 36.0  Formation: PBTD: 0.0 Perf: PKR Depth: 0.0  Activity at Report Time: DRLG @ 7197  Start End Hrs Activity Description  06:00 07:00 1.0 DRILLED F/ 6486 '- 6517' WOB 20-22, GPM 422,STKS 12, PSI 1300 DIF PSI 250 −350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36. AVG ROP 31 FPH.  07:00 08:00 1.0 CIRCULATE BTTMS UP, PUMP SLUG & DROP TOTCO  08:00 11:00 3.0 TRIP. POOH L/D MTR.REAMERS & BIT 1. RECOVER TOTCO 1.75°.  11:00 12:30 1.5 P/ UP. 16 MUD MTR & BIT #2 & RIH TO SHIOE.  12:30 13:00 0.5 SERVICE RIG.  13:30 13:30 0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS.  13:30 15:00 15:30 0.5 WASH/REAM F/ 6473' 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' − 7197', WOB 10−16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 −350, MTR 67, ROTARY 70, RI TOTAL 129, MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS − NORTH HORN @ 6966'  NO SHOWS  BG GAS − 80−300 UNITS , CONN GAS 350−1400 U−, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585'  LITHOLOGY − SS 30 %, SH 60 %, RED SHALE 10 %.  FUEL − 6490 GALS, USED 1010 GALS.	<b>DailyCosts</b> :	Drilling	\$4	7,154	Cor	mpletion	\$686		Dai	ly Total	\$47,840	
Formation:  PBTD: 0.0  Perf: PKR Depth: 0.0  Activity at Report Time: DRLG @ 7197  Start End Hrs Activity Description  06:00 07:00 1.0 DRILLED F/ 6486 '- 6517' WOB 20-22, GPM 422,STKS 12, PSI 1300 DIF PSI 250 -350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36. AVG ROP 31 FPH.  07:00 08:00 1.0 CIRCULATE BTTMS UP, PUMP SLUG & DROP TOTCO  08:00 11:00 3.0 TRIP. POOH L/D MTR.REAMERS & BIT 1. RECOVER TOTCO 1.75°.  11:00 12:30 1.5 P/UP .16 MUD MTR & BIT # 2 & RIH TO SHIOE.  12:30 13:00 0.5 SERVICE RIG.  13:30 15:00 1.5 TRIP. RIH @ 6473'  15:00 15:30 0.5 WASH/REAM F/ 6473' - 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' - 7197', WOB 10-16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 -350, MTR 67, ROTARY 70, RITOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS - NORTH HORN @ 6966'  NO SHOWS  BG GAS - 80 - 300 UNITS , CONN GAS 350 - 1400 U - , TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %. FUEL - 6490 GALS, USED 1010 GALS.	Cum Costs	: Drilling	\$5	28,969	Cor	mpletion	\$1,358		Wel	ll Total	\$530,327	
Activity at Report Time:         DRLG @ 7197           Start         End         Hrs         Activity Description           06:00         07:00         1.0 DRILLED F/ 6486 '= 6517' WOB 20=22, GPM 422,STKS 12, PSI 1300 DIF PSI 250 = 350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36. AVG ROP 31 FPH.           07:00         08:00         1.0 CIRCULATE BTTMS UP, PUMP SLUG & DROP TOTCO           08:00         11:00         3.0 TRIP. POOH L/D MTR.REAMERS & BIT 1. RECOVER TOTCO 1.75°.           11:00         12:30         1.5 P/ UP .16 MUD MTR & BIT # 2 & RIH TO SHIOE.           12:30         13:00         0.5 SERVICE RIG.           13:30         13:30         0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS.           13:30         15:00         1.5 TRIP. RIH @ 6473'           15:00         15:30         0.5 WASH/REAM F/ 6473' = 6517'. NO FILL.           15:30         06:00         14.5 DRILLED F/ 6517' ~ 7197', WOB 10=16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 = 350, MTR 67, ROTARY 70, RITOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46:90 FPH.           NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS           SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS           FORMATIONS = NORTH HORN @ 6966'           NO SHOWS           BG GAS = 80 - 300 UNITS , CONN GAS 350 - 1400 U - , TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585'           LITHOLOGY = SS 30 %, SH 60 %, RED SHALE 10 %.	MD	7,197	TVD	7,197	Progress	711	Days	5	MW	9.9	Visc	36.0
Start         End         Hrs         Activity Description           06:00         07:00         1.0 DRILLED F/ 6486 '- 6517' WOB 20-22, GPM 422,STKS 12, PSI 1300 DIF PSI 250 - 350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36, AVG ROP 31 FPH.           07:00         08:00         1.0 CIRCULATE BTTMS UP , PUMP SLUG & DROP TOTCO           08:00         11:00         3.0 TRIP. POOH L/D MTR.REAMERS & BIT 1. RECOVER TOTCO 1.75°.           11:00         12:30         1.5 P/ UP . 16 MUD MTR & BIT # 2 & RIH TO SHIOE.           12:30         13:00         0.5 SERVICE RIG.           13:30         15:00         15. TRIP. RIH @ 6473'           15:00         15:30         0.5 WASH/REAM F/ 6473' - 6517'. NO FILL.           15:30         06:00         14.5 DRILLED F/ 6517' - 7197', WOB 10-16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 -350, MTR 67, ROTARY 70, RITOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.           NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS - NORTH HORN @ 6966'           NO SHOWS         BG GAS - 80- 300 UNITS , CONN GAS 350- 1400 U- , TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %.           FUEL - 6490 GALS, USED 1010 GALS.	Formation	:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
06:00 07:00 1.0 DRILLED F/ 6486 '- 6517' WOB 20–22, GPM 422,STKS 12, PSI 1300 DIF PSI 250 –350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36. AVG ROP 31 FPH.  07:00 08:00 1.0 CIRCULATE BTTMS UP, PUMP SLUG & DROP TOTCO  08:00 11:00 3.0 TRIP. POOH L/D MTR,REAMERS & BIT 1. RECOVER TOTCO 1.75°.  11:00 12:30 1.5 P/ UP .16 MUD MTR & BIT # 2 & RIH TO SHIOE.  12:30 13:00 0.5 SERVICE RIG.  13:00 13:30 0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS.  13:30 15:00 1.5 TRIP. RIH @ 6473'  15:00 15:30 0.5 WASH/REAM F/ 6473' - 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' - 7197', WOB 10–16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 –350, MTR 67, ROTARY 70, RITOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS – NORTH HORN @ 6966' NO SHOWS  BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %. FUEL – 6490 GALS, USED 1010 GALS.	Activity at	Report Ti	me: DRL	G @ 7197								
06:00 07:00 1.0 DRILLED F/ 6486 '- 6517' WOB 20–22, GPM 422,STKS 12, PSI 1300 DIF PSI 250 –350, MTR 67, ROTARY 55, RP TOTAL 132. MUD WT 9.8 VIS 36. AVG ROP 31 FPH.  07:00 08:00 1.0 CIRCULATE BTTMS UP, PUMP SLUG & DROP TOTCO  08:00 11:00 3.0 TRIP. POOH L/D MTR,REAMERS & BIT 1. RECOVER TOTCO 1.75°.  11:00 12:30 1.5 P/ UP .16 MUD MTR & BIT # 2 & RIH TO SHIOE.  12:30 13:00 0.5 SERVICE RIG.  13:00 13:30 0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS.  13:30 15:00 1.5 TRIP. RIH @ 6473'  15:00 15:30 0.5 WASH/REAM F/ 6473' – 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' – 7197', WOB 10–16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 –350, MTR 67, ROTARY 70, RITOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS – NORTH HORN @ 6966'  NO SHOWS  BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %. FUEL – 6490 GALS, USED 1010 GALS.	Start	End	Hrs	Activity Desc	cription							
08:00 11:00 3.0 TRIP. POOH L/D MTR, REAMERS & BIT 1. RECOVER TOTCO 1.75°.  11:00 12:30 1.5 P/UP .16 MUD MTR & BIT # 2 & RIH TO SHIOE.  12:30 13:00 0.5 SERVICE RIG.  13:00 13:30 0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS.  15:00 15:30 0.5 WASH/REAM F/ 6473' - 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' - 7197', WOB 10-16, GPM 422, STKS 12, PSI 1540 DIF PSI 100 -350, MTR 67, ROTARY 70, RETOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS - NORTH HORN @ 6966' NO SHOWS BG GAS - 80-300 UNITS, CONN GAS 350-1400 U-, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %. FUEL - 6490 GALS, USED 1010 GALS.	06:00	07:00					,	KS 12, PSI	I 1300 DIF P	PSI 250 –350, N	/ITR 67, ROTAI	RY 55, RPM
11:00 12:30 1.5 P/ UP .16 MUD MTR & BIT # 2 & RIH TO SHIOE.  12:30 13:00 0.5 SERVICE RIG.  13:00 13:30 0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS.  13:30 15:00 1.5 TRIP. RIH @ 6473'  15:00 15:30 0.5 WASH/REAM F/ 6473' – 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' – 7197', WOB 10–16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 –350, MTR 67, ROTARY 70, RITOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS  SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS  FORMATIONS – NORTH HORN @ 6966'  NO SHOWS  BG GAS – 80–300 UNITS , CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585'  LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %.  FUEL – 6490 GALS, USED 1010 GALS.	07:00	08:00	1.0	CIRCULATE .	BTTMS UP , PI	UMP SLUC	& DROP TOT	гсо				
12:30	08:00	11:00	3.0	TRIP. POOH L	/D MTR,REAM	IERS & BI	T 1. RECOVER	R TOTCO	1.75°.			
13:00 13:30 0.5 EQUIPMENT REPAIR. C/O KELLY DRIVE BUSHINGS. 13:30 15:00 1.5 TRIP. RIH @ 6473' 15:00 15:30 0.5 WASH/REAM F/ 6473' - 6517'. NO FILL. 15:30 06:00 14.5 DRILLED F/ 6517' - 7197', WOB 10-16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 -350, MTR 67, ROTARY 70, RETOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS - NORTH HORN @ 6966' NO SHOWS BG GAS - 80-300 UNITS, CONN GAS 350-1400 U-, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %. FUEL - 6490 GALS, USED 1010 GALS.	11:00	12:30	1.5	P/ UP .16 MU	DMTR & BIT	# 2 & RIH	TO SHIOE.					
13:30	12:30	13:00	0.5	SERVICE RIG								
15:00 15:30 0.5 WASH/REAM F/ 6473' – 6517'. NO FILL.  15:30 06:00 14.5 DRILLED F/ 6517' – 7197', WOB 10–16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 –350, MTR 67, ROTARY 70, RETOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS – NORTH HORN @ 6966'  NO SHOWS  BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %.  FUEL – 6490 GALS, USED 1010 GALS.	13:00	13:30	0.5	EQUIPMENT :	REPAIR. C/O K	ELLY DRI	VE BUSHING	S.				
15:30 06:00 14.5 DRILLED F/ 6517 ' – 7197', WOB 10–16, GPM 422,STKS 12, PSI 1540 DIF PSI 100 –350, MTR 67, ROTARY 70, RETOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS – NORTH HORN @ 6966' NO SHOWS BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %. FUEL – 6490 GALS, USED 1010 GALS.	13:30	15:00	1.5	TRIP. RIH @ 6	473'							
TOTAL 129. MUD WT 10.1 VIS 34. AVG ROP 46.90 FPH.  NO INCIDENTS REPORTED, WEATHER CLEAR & 58°, FULL CREWS SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS – NORTH HORN @ 6966' NO SHOWS BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %. FUEL – 6490 GALS, USED 1010 GALS.	15:00	15:30	0.5	WASH/REAM	F/ 6473' - 6517	7'. NO FILI	<b></b>					
SAFETY MEETINGS TRIPPING PIPE. WORKING ON PUMPS FORMATIONS – NORTH HORN @ 6966' NO SHOWS BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %. FUEL – 6490 GALS, USED 1010 GALS.	15:30	06:00						•	I 1540 DIF I	PSI 100 -350, N	MTR 67, ROTA	RY 70, RPM
FORMATIONS – NORTH HORN @ 6966'  NO SHOWS  BG GAS – 80–300 UNITS, CONN GAS 350–1400 U–, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585'  LITHOLOGY – SS 30 %, SH 60 %, RED SHALE 10 %.  FUEL – 6490 GALS, USED 1010 GALS.				NO INCIDENT	rs reported	, WEATHE	ER CLEAR & 5	58°, FULL	CREWS			
NO SHOWS BG GAS - 80-300 UNITS, CONN GAS 350-1400 U-, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %. FUEL - 6490 GALS, USED 1010 GALS.				SAFETY MEE	TINGS TRIPPI	NG PIPE. V	WORKING ON	PUMPS				
BG GAS - 80-300 UNITS, CONN GAS 350-1400 U-, TRIP GAS 1118 U @ 6585', HIGH GAS 1283U @ 6585' LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %. FUEL - 6490 GALS, USED 1010 GALS.				FORMATIONS	S – NORTH HC	RN @ 696	6'					
LITHOLOGY - SS 30 %, SH 60 %, RED SHALE 10 %. FUEL - 6490 GALS, USED 1010 GALS.				NO SHOWS								
FUEL - 6490 GALS, USED 1010 GALS.				BG GAS - 80	- 300 UNITS ,	CONN GAS	S 350– 1400 U	–, TRIP	GAS 1118 U	J @ 6585', HIC	GH GAS 1283U	@ 6585'
				LITHOLOGY	– SS 30 %, SH	60 %, RED	SHALE 10 %					
CHECKED COM, FUNCTION TESTED PIPE & BLIND RAMS				FUEL - 6490	GALS, USED	1010 GAL	S.					
				CHECKED CO	M, FUNCTIO	N TESTED	PIPE & BLIN	D RAMS				

Formation:		<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
<b>MD</b> 7,67	3 <b>TVD</b>	7,673	Progress	476	Days	6	MW	10.2	Visc	35.0
Cum Costs: Drilli	ng \$5	562,122	Con	pletion	\$7,151		Well	<b>Fotal</b>	\$569,274	
DailyCosts: Drilli	ng \$3	33,152	Con	pletion	\$5,793		Daily	Total	\$38,946	
06-02-2007	Reported I	By JC	C SULLIVAN							

Activity at Report Time: TRIP IN HOLE @ 4900'

Start	End	Hrs Activity Description
. 06:00	11:30	5.5 DRILLED F/ 7197' – 7513 ', WOB 14 –16, GPM 422,STKS 120, PSI 1650 DIF PSI 100 – 350, MTR 67, ROTARY 70 , RPM TOTAL 132. MUD WT 10.2 VIS 34. AVG ROP 57.45 FPH.
11:30	12:00	0.5 SERVICE RIG.
12:00	16:00	4.0 DRILLED F/ 7513 ' – 7673 ' , WOB 14 –16, GPM 422,STKS 120, PSI 1650 DIF PSI 100 – 350, MTR 67, ROTARY 70 , RPM TOTAL 137. MUD WT 10.2 VIS 35. AVG ROP 40 FPH.
16:00	21:00	5.0 EQUIPMENT REPAIR. C/ SWIVEL PACKING. CIRCULATE THRU PUMP IN SUB & RECIPROCATE DRILL STRING.
21:00	21:30	0.5 CIRCULATE & TEST SWIVEL PACKING. STILL LEAKING.
21:30	22:00	0.5 CIRCULATE & BUILD BARITE PILL.
22:00	01:00	3.0 TRIP. POOH TO SHOE TO REPAIR SWIVEL PACKING.
01:00	04:30	3.5 EQUIPMENT REPAIR. REPAIR SWIVEL AND INSTALL QUICK RELEASE VALVES ON BACK BRAKE AIR LINES DRAWORKS.
04:30	06:00	1.5 TRIP. RIH TO @ 4,900'.

NO INCIDENTS REPORTED, WEATHER CLEAR & 53°, FULL CREWS

SAFETY MEETINGS RIG WALK THROUGH, TRIPPING.

FORMATIONS - KMV PRICE RIVER @7505'

NO SHOWS

BG GAS –  $\,80-\,300$  UNITS , CONN GAS  $\,350-\,6032$  U , HIGH GAS 5944 U @  $7321^{\circ}$ 

LITHOLOGY - SS 50 %, SH 40 %, SLTSTN 10 %.

FUEL - 5700 GALS, USED 790 GALLONS GALS.

CHECKED COM. FUNCTION TESTED PIPE RAMS

06-03-2007	Re	ported By	JC	SULLIVAN							
DailyCosts:	Drilling	\$25,7	731	Cor	npletion	\$740		Daily	Total	\$26,472	
Cum Costs:	Drilling	\$587.	,854	Cor	npletion	\$7,892		Well 7	Total	\$595,746	
MD	8,660	TVD	8,660	Progress	1,021	Days	7	$\mathbf{M}\mathbf{W}$	10.3	Visc	33.0
Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:00	1.0	TRIP. RIH @ 7639'.
07:00	07:30	0.5	. WASH & REAM F/ 7639' – 7673'. 10 FT FILL.
07:30	14:00	6.5	DRILLED F/ 7673 – 7989' , WOB 14 –16, GPM 380,STKS 108, PSI 1350 DIF PSI 100 – 350, MTR 60, ROTARY 70 , RPM TOTAL 131. MUD WT 10.4 VIS 34. AVG ROP 48.6 FPH.
14:00	14:30	0.5	SERVICE RIG.
14:30	06:00	15.5	DRILLED F/ 7989' – 8660', WOB 14 –16, GPM 380,STKS 108, PSI 1740 DIF PSI 100 – 350, MTR 60, ROTARY 70, RPM TOTAL 131, MUD WT 10.7 VIS 34, AVG ROP 43.2 FPH.

O INCIDENTS REPORTED, WEATHER CLEAR & 51°, FULL CREWS

SAFETY MEETINGS

FORMATIONS - KMV MIDDLE PRICE RIVER @ 8329'

SHOWS AS FOLLOWS

7853-7864' 2497 UNITS, NO FLARE

7894'-7903' 3694 UNITS.NO FLARE

8022'- 8051' 2941 UNITS.NO FLARE

8135' - 8145' 3040 UNITS. NO FLARE

BG GAS 150 - 1000 UNITS, CONN GAS 400- 3000 U, HIGH GAS 3694 UNITS @ 7899'

LITHOLOGY - SS 50 %, SH 40 %, SLTSTN 10 %.

FUEL - 4200 GALS, USED 1298 GALLONS.

BOP DRILL NIGHT CREW 1 MIN 15 SECS

FUNCTION TESTED PIPE RAMS.

CHECKED COM

			ECKED CC								
06-04-200	7 Re	ported By	JC	SULLIVAN							
DailyCosts	: Drilling	\$40,42	21	Con	npletion	\$752		Dail	y Total	\$41,174	
Cum Costs	: Drilling	\$628,	275	Con	npletion	\$8,645		Well	Total	\$636,920	
MD	8,836	TVD	8,836	Progress	176	Days	8	MW	10.7	Visc	35.0
Formation	:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: DRILLIN	1G								
Start	End	Hrs Ac	tivity Desc	cription							
06:00	08:30			660' – 8731', V 31. MUD WT 1				SI 1740 DIF	PSI 100 – 350	), MTR 60, RO	TARY 70,
08:30	09:30	1.0 CIR	RCULATE E	STTMS UP.							
09:30	14:00	4.5 TR	IP. DROP S	URVEY,PUMP	SLUG & P	OOH. LD MT	R #2&B	T.			
14:00	17:00	3.0 CH	ANGE OUT	FROTATING H	EAD.						
17:00	19:00	2.0 TR	IP. P/U BIT	, MTR # 3. RIH	IN HOLE	TO SHOE. LO	OST DISPL	ACMENT @	2200 FT.		
19:00	20:00	1.0 CIR	RCULATE.F	TILLING PIPE A	TTEMPT	TO RECOVER	Y RETURI	NS. BUILDII	NG VOLUME	LOST 172 BBI	LS
20:00	21:00	1.0 SLI	P & CUT D	RILL LINE. 14	0 FT						
21:00	22:00	1.0 TR	IP. RIH TO	@ 4922' & FIL	L PIPE . N	O RETURNS.	LOST 246	BBLS. TOTA	AL LOSSES 4	18 BBLS	
22:00	01:00	3.0 CO	NDITION I	MUD AND BUII	LD VOLUI	ME.					
01:00	02:30	1.5 TR	IP. RIH TO	BTTM @ 873. N	NO FILL						
02:30	06:00			731 – 8836', W 55 , RPM TOTA					1550– 1847 E	DIF PSI 200-40	0, MTR 58
		MU	JD WT 10.5	VIS 34. AVG	ROP 30 FF	PH.					
		NO	INCIDENT	S REPORTED,	WEATHE	ER CLEAR & 5	66°, FULL (	CREWS			
				TINGS 1ST DA					NG COM		
				S – KMV MIDI							
				5000 UNITS , C			, TRIP GA	.S 5543 @ 87	'32', HIGH G	SAS 3209 UNIT	S @ 8647'
				– SS 30 %, SH 6							
				GALS, USED 5							
				ESTED PIPE RA	AM2 & BL	IND RAMS.					
			ECKED CC								
06-05-200	)7 Re	eported By		SULLIVAN							
DailyCosts	: Drilling	\$30,8	24	Con	npletion	\$0		Dail	y Total	\$30,824	
Cum Costs	s: Drilling	\$659,	099	Con	npletion	\$8,645		Well	Total	\$667,745	
MD	9,568	TVD	9,568	Progress	732	Days	9	MW	10.5	Visc	34.0
Formation	:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: DRILLIN	NG @ 9568								
Start	End	Hrs Ac	tivity Desc	ription							

06:00	17:00	11.0 DRILLED F/ 8836' – 9214', WOB 15 – 18, GPM 422, STKS 120, PSI 1847 DIF PSI 150 – 350, MTR 63, ROTARY 65, RPM TOTAL 128. MUD WT 10.5 VIS 34 AVG ROP 34.3 FPH.
17:00	17:30	0.5 SERVICE RIG.
17:30	06:00	12.5 DRILLED F/ 9214 ' -9568', WOB 18 -22, GPM 415, STKS 118, PSI 1847 DIF PSI 150 - 350, MTR 63, ROTARY 65, RPM TOTAL 128, MUD WT 10.5 VIS 34 AVG ROP 28.3 FPH.

NO INCIDENTS REPORTED, WEATHER CLEAR & 65°, FULL CREWS

SAFETY MEETINGS CONNECTIONS & PAINTING

FORMATIONS - KMV PRICE RIVER LOWER @ 9164'

SHOWS AS FOLLOWS: 8840' - 8864'. FLARE 10'-15'. GAS 1928 UNITS.

BG GAS 1100-2900 UNITS, CONN GAS 1800- 3400 U, HIGH GAS 3030 UNITS @ 9223'

LITHOLOGY - SS 30 %, SH 40 %, CARBSH 20%, SLTSTN 10 %.

FUEL - 2434 GALS, USED 1388 GALLONS.

FUNCTION TESTED PIPE RAMS & ANNULAR

CHECKED COM

06-06-2007	Re	ported By	ìC	SULLIVAN							
DailyCosts:	Drilling	\$50,7	24	Con	pletion	\$0		Daily	Total	\$50,724	
Cum Costs:	Drilling	\$709,	824	Com	pletion	\$8,645		Well	<b>Fotal</b>	\$718,469	
MD	9,780	TVD	9,780	Progress	212	Days	10	MW	10.6	Visc	34.0
Formation:			<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: CIRCULATE FOR SHORT TRIP

Start	End	Hrs Activity Description
06:00	10:00	4.0 DRILLED F/ 9568 – 9592 , WOB 22–25, GPM 422, STKS 120 , PSI 1847 DIF PSI 100–250
		, MTR $63$ , ROTARY $65$ , RPM TOTAL $128.$ MUD WT $10.5$ VIS $34$ AVG ROP $6$ FPH.
10:00	11:00	1.0 CIRCULATE BTTMS UP.BUILD SLUG DROP TOTCO
11:00	17:00	6.0 TRIP. POOH AND L/D MTR & BIT # 3. RECOVERED TOTCO 2°
17:00	21:30	4.5 TRIP. P/UP BIT & MTR # 4 & RIH. FILLING PIPE
21:30	22:00	0.5 WASH/REAM F/ 9580 TO 9582.
22:00	23:00	1.0 CIRC. OUT KICK ON CHOKE THRU FULLL OPEN CHOKE. RECIEVED 58 BBL GAIN. MUD CUT TO 10.2. FLARE 40 FT. GAS UNITS 5731.
23:00	05:00	6.0 DRILLED F/9592 – 9780 (TD), WOB 18 –22, GPM 422, STKS 120 , PSI 1847 DIF PSI 150 – 350, MTR 63, ROTARY 65 , RPM TOTAL 128. MUD WT 10.5 VIS 34. AVG ROP 31.3 FPH. REACHED TD AT 05:00 HRS, 6/6/07.
05:00	06:00	1.0 CIRCULATE BTTMS UP FOR SHORT TRIP

NO INCIDENTS REPORTED, WEATHER CLEAR & 72, FULL CREWS

SAFETY MEETINGS TRIPPING, KICKS

FORMATIONS - SEGO 9558'

SHOWS AS FOLLOWS:

9550-9558' GAS U 3737. NO FLARE

9600' -9620' GAS U 4048. 12' FLARE

 $BG\ GAS\ 1100-2800\ UNITS\ , CONN\ GAS\ 2700-3900U, HIGH\ GAS\ 4048\ UNITS\ @\ 9617.\ TRIP\ GAS\ 7613\ U\ @\ 9617'.$ 

LITHOLOGY - SH 20 %, CARBSH 40%, SS 30%, SLTSTN 10 %.

FUEL - 4109 GALS, USED 1094 GALLONS.

# FUNCTION TESTED PIPE RAMS & ANNULAR CHECKED COM

		CHECKEL	COM							
06-07-20	007 Re	eported By	JC SULLIVAN						·	
DailyCost	ts: Drilling	\$49,665	Con	pletion	\$132,693		Dail	y Total	\$182,359	
Cum Cos	ts: Drilling	\$759,490	Con	pletion	\$141,338		Well	Total	\$900,828	
MD	9,780	<b>TVD</b> 9,7	80 Progress	0	Days	11	MW	10.7	Visc	35.0
Formatio	n:	PBTI	<b>)</b> : 0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	ıt Report Ti	me: CEMENTING 4	.5 PRODUCTION C	SG						
Start	End	Hrs Activity I	Description							
06:00	08:00	2.0 TRIP. 20 S	TAND SHORT TRIP	TRIP TAI	NK VOL 47.5 BE	SLS. LOS	OF 8.8 BI	BLS ON TRIP.		
08:00	09:00	1.0 CIRCULA	TE BTTMS UP.							
09:00	10:00	1.0 RU/RD SE	RVICE TOOLS. CA	LIBER L/I	MACHINE.					
10:00	10:30	0.5 CIRCULA	TE & SPOT 300 BBI	LS 14.0 PP	G.					
10:30	18:30	8.0 TRIP. L/D	DRILL & BHA, BRI	EAK KELI	LY AND VALVE	S. PULLE	ED WEAR E	USHING.		
18:30	19:30	1.0 RU/RD SE	RVICE TOOLS. CA	LIBER CS	G CREW.					
19:30	03:00	7.5 RUN/RET	RIEVE CSG							
		RAN 227 J	TS 11.6 #, HC P-11	0, LTC ,4.5	" PRODUCTIO	N CASIN	G @ 9772'.			
		RAN AS A	S FOLLOWS:							
		JOINT 20 ABOVE SI	1 ISHOE JT, FC @ 9 57', TOP @ 4969', 1 HOE. 1 ON TOP OF AND VERIFIED (TE	15 JOINT JT # 2 . T	S CSG, 1 MCH	@ 6.31 , L	ANDING J	Γ@ 16'. RAN	24 CENTRAL	IZERS 15'
03:00	03:30	0.5 RD SERVI	CE TOOLS. CALIB	ER L/D M.	ACHINE.					
03:30	04:30	1.0 CIRCULA	TE CSG.							
04:30	05:00	0.5 RU/ SERV	ICE TOOLS. SCHL	UMBERG	ER. HELD SAFI	ETY MEE	TING.			
05:00	06:00		ING PRESSURE TE NG REPORT FOR 6		TO 5000 PSI. &	CEMEN	ΓWELL. CI	EMENTING P	ROGRAM ON	
		4.5 PRODU	JCTION CASING. 1	P/UP WT 1	105,000. S/O W	T 88,000,	ST/WT 98,	000		
		CURRENT	MUD WT 10.7 VIS	35. LOST	Γ 170 BBLS MU	он от Ф	LE WHILE	RUNNING CA	ASING.	
		BG GAS 1 @ 9757'.	720–2250 UNITS, C	ONN GAS	S 2336–2731 UN	ITS, TRIF	GAS 2957	UNITS @ 978	80 (TD). HIGH	GAS 2247
		TAKEN O	N HEAVY MUD FRO	OM MUD	PLANT INTO P	ITS FOR	SAFE MEA	SURES 300 B	BLS.	
		NO INCID	ENTS REPORTED,	WEATHE	ER CLEAR & 46,	FULL C	REWS			
		SAFETY N	MEETINGS L/D DR	ILL PIPE,	RUN 4.5 PROD	UCTION	CASING, R	/UP & CMT		
		FUEL - 35	34 GALS, USED 5	75 GALLO	ONS .					
		FUNCTIO	N BLIND RAMS							
		CHECKEI	COM							

Completion

\$3,984

**Daily Total** 

\$74,003

JC SULLIVAN

06-08-2007

DailyCosts: Drilling

Reported By

\$70,019

Cum Costs: 1	Drilling	\$82	29,509	Con	pletion	\$145,322		Well	<b>Fotal</b>	\$974,832	
MD	9,780	TVD	9,780	Progress	0	Days	12	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0.	0		Perf:			PKR Dep	<b>oth:</b> 0.0	
Activity of Panort Times DERITANO COMBLETION											

Activity at Report Time: RDRT/WO COMPLETION

Start End Hrs Activity Description

06:00 08:00 2.0 CEMENTING 4.5 PRODUCTION CASING AS FOLLOWS:

20~BBL CHEM WASH , 20~BBL FRESH WATER SPACER. 308~BBLS LEAD 11.5~PPG ( 580~SKS) YIELD 2.98~FT CUBED PER SK. LEAD CEMENT G+  $10\%~D20,\,.2\%~D46,\,.5\%~D13,\,.13~LBS$  PER SACK D  $130,\,.5\%~D65.$ 

PLUS 356 BBLS TAIL, 14.1 PPG (1550 SKS) 1.29 FT CUBED PER SK,, TAIL CEMENT 50/50 POZ G + 2% D20, .1% D46, .2% D167, . 2% D65, .1% D13..

SHUT DOWN WASH PUMPS & LINES TO PIT. DROPPED TOP PLUG & DISPLACE WITH 151 BBLS FRESH WATER WITH 2 GALLONS OF L64 PER THOUSAND GALLONS FRESH WATER @ 7.8 BPM AVERAGE. SLOWED PUMP RATE TO 2.2 BPM LAST 20 BBLS. BUMPED PLUG W/3801 PSI (1000 PSI OVER FCP OF 2800 PSI @ 08:00 HRS 6/07/07. HELD FOR 5 MINUTES. CHECK FLOATS. HELD OK. 2.0 BBLS RETURNS. ESTIMATED TOPS OF CEMENT: LEAD TOP @ 2500 ' & TOP OF TAIL @ 4580. USED TOP PLUG ONLY.

SET HANGER @ 08:00 HRS ST/WT 88,000. VERIFIED SETTING. TEST HANGER TO 5,000 PSI FOR 5 MIN. (OK)

08:00	09:00	1.0 RD SERVICE TOOLS, SCHLUMBERGER.
09:00	09:30	0.5 R/D CEMENT HEAD, REMOVE LANDING JT.
09:30	11:30	2.0 CLEAN MUD TANKS AND NIPPLE DOWN BOP.
11:30	06:00	18.5 MIRU/RDMO OFF HOSS 23–32.

R/D CAMP 100%. CAMP MOVED 100% R/UP CAMP 100%.

R/D 100%. R/MOVED 0%. RIG MOVE MILEAGE 1/4 MILE.

1 MOUNTAIN WEST ROLL BED TRUCK, & 1 HALF TON TRUCK: 6 HRS. 2 MEN

TRANSFER 10 JTS 4 1/2", (424.14') 11.6#, P-110, LTC CASING HOSS 23-32.

TRANSFERED 1 MARKER JT (19.67) TO STEWARTS FOR RECUT ON PIN.

TRANSFER 3225 GALS DIESEL FUEL TO HOSS 23-32 @ \$2.761/GAL.

FUEL ON HAND 2974. FUEL USED 500 GALLONS.

RECIEVED 30 JTS RENTAL HWDP (QUAIL TOOLS) F/ZECO YARD. NEW HARDBAND 6-7-07.

WESTROC TRUCKING SCHEDULED FOR RIG MOVE TO HOSS 23–32 ON 6– 8– 07 @ 07:00 HRS MT WEST MOVED CAMPS TO HOSS 23–32 6– 7––07.

S.MTGS CEMENTING, RIGGING DOWN..

NO INCIDENTS REPORTED. WEATHER CLOUDY & 48°. FULL CREWS.

MUD LOGGER DAYS 11. LELAND CHAPMAN. MUD LOGISTICS

18.0 RIG RELEASED @ 11:30 HRS, 6/7/07.

CASING POINT COST \$829,509

06:00

**SEARLE** 06-15-2007 Reported By DailyCosts: Drilling \$0 Completion \$45,122 **Daily Total** \$45,122 \$1,019,954 \$190,444 Well Total **Cum Costs: Drilling** \$829,509 Completion 9.780 n 13 MW 0.0 Vice 0.0 MD TVD 9,780 **Progress Days PBTD**: 9725.0 Perf: PKR Depth: 0.0 Formation:

Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	<b>Activity Description</b>
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24.0 MIRU SCHLUMBERGER, LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 500'. EST CEMENT TOP @ 2570'. 06:00 06:00 RD SCHLUMBERGER.

03-21-2008	Re	ported By	C	ARLSON							
DailyCosts:	Drilling	\$0		Co	mpletion	\$1,085		Daily	Total	\$1,085	
Cum Costs: Drilling \$829,509		509	Co	mpletion	\$191,529		Well '	Total	\$1,021,039		
MD	9,780	TVD	9,780	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 9	725.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: WO COMPLETION

Start End Hrs **Activity Description** 

24.0 NU 10M FRAC TREE. PRESSURE TESTED TO 8500 PSIG. WO COMPLEITON. 06:00 06:00

03-27-	-2008 R	eported E	By N	ICCURDY							
DailyC	osts: Drilling	\$0	0	Com	pletion	\$68,599		Daily	Total	\$68,599	
Cum C	osts: Drilling	\$8	829,509	Con	pletion	\$260,129		Well '	Total	\$1,089,638	
MD	9,780	TVD	9,780	Progress	0	Days	14	MW	0.0	Visc	0.0
Format	tion: MESAV	ERDE	PBTD:	9725.0		Perf: 9379'-	9500'		PKR Dep	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU TO FISH GUNS

#### Start End **Activity Description** Hrs

06:00 06:00

24.0 RU CUTTERS WIRELINE. PERFORATED LPR FROM 9379'-80', 9384'-85', 9389'-90', 9397'-98', 9402'-03', 9419'-20', 9458'-59', 9470'-72', 9479'-80', 9486'-87', 9489'-90', 9492'-93', 9496'-97' & 9499'-500' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4150 GAL WF120 LINEAR PAD, 5467 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 26528 GAL YF116ST+ W/95900# 20/40 SAND @ 1-5 PPG. MTP 7913 PSIG. MTR 50.6 BPM. ATP 5212 PSIG. ATR 45.4 BPM. ISIP 2650 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 9343'. UNABLE TO GET OFF PLUG. PULLED OUT OF ROPE SOCKET. TOP OF 3 1/8" PERF GUNS AND COLLAR LOCATOR @ 9315'. RDWL.SCHLUMBERGER. SDFN.

03-29-2008	Reporte	ed By	BAUSCH							
DailyCosts: Dri	lling	\$0	C	Completion	\$10,072		Daily	Total	\$10,072	
Cum Costs: Drilling \$829,509		\$829,509	Completion		\$270,201		Well Total		\$1,099,710	
<b>MD</b> 9,	780 <b>TV</b> ]	9,780	Progress	, 0	Days	15	MW	0.0	Visc	0.0
Formation: MESAVERDE PBTD		9725.0		<b>Perf</b> : 9379'-9500'			PKR Dep	oth: 0.0		

Activity at Report Time: MIRUSU. FISH OUT PERF GUNS. AND SETTING TOOL.

Start	End	Hrs	Activity Description	
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07:00 07:00 24.0 MIRUSU, SICP 50 PSIG. BLEW WELL DOWN, ND FRAC VALVE, NU BOP, RH W/OVERSHOT W/3-1/8" GRAPPLE TO 9236'. CIRCULATED CLEAN. POH TO 9200'. SDFN.

03-30-2008	Re	ported B	y B	AUSCH	***************************************						
DailyCosts: Da	illing	\$0		C	ompletion	\$26,651		Daily	Total	\$26,651	
Cum Costs: Drilling \$829,509		29,509	C	ompletion	\$296,852		Well '	Total	\$1,126,361		
MD	,780	TVD	9,780	Progress	0	Days	16	MW	0.0	Visc	0.0
Formation: M	ESAVEI	RDE	<b>PBTD</b> : 9	9725.0		<b>Perf</b> : 9379'-	9500'		PKR Dep	oth: 0.0	

Activity at Report Time: L/D TBG. RDMOSU. READY TO FRAC.

Start Enu firs Activity Description	Start	End	Hrs	Activity	Descriptio
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07:00 06:00

23.0 SICP 50 PSIG. RIH.TAGGED SAND @ 9295'. CLEANED OUT TO FISH @ 9315'. CIRCULATED HOLE CLEAN. LATCH ONTO FISH. JARRED FISH LOOSE. HAD 2000 PSIG UNDER FISH. LD TBG TO 6972'.

FLOWED 16 HRS OUT CSG. 24/64" CHOKE. TP 0 PSIG. CP 150 PSIG. 18 BFPH. RECOVERED 372 BLW. 495 BLWTR.

03-31-2008	Re	ported B	у В	AUSCH							, , , , , , , , , , , , , , , , , , , ,
DailyCosts: I	Prilling	\$0		Co	mpletion	\$4,080		Daily	Total	\$4,080	
Cum Costs: Drilling \$829,509		29,509	Co	mpletion	\$300,932		Well '	Total	\$1,130,441		
MD	9,780	TVD	9,780	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE	PBTD:	9725.0		<b>Perf</b> : 9379'-	9500'		PKR Dej	oth: 0.0	

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

06:00 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. TP 0 PSIG, FCP 50 PSIG. 3 BFPH. RECOVERED 70 BBLS, 425 BLWTR.

04-01-2008	Re	ported B	y l	BAUSCH							
DailyCosts: Da	rilling	\$0	•	Co	mpletion	\$12,450		Daily	Total	\$12,450	
Cum Costs: Drilling \$829,509		29,509	Co	mpletion	\$313,382		Well 7	Total	\$1,142,891		
MD	9,780	TVD	9,780	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation: MESAVERDE PBT			PBTD:	9725.0		Perf: 9379'-	9500'		PKR Dep	oth: 0.0	

Activity at Report Time: FLOW TEST. RIH W/OVERSHOT.

Start End Hrs Activity Description

06:00 13:00

7.0 FCP 50 PSIG. SITP 0 PSIG. POH TO 1500'. TOP KILLED W/80 BW. POH. NO FISH. GRAPPLE SHOWED SCARRING. START RIH W/OVERSHOT W/NEW 3–1/8" GRAPPLE. HAD TO KILL WELL W/60 BBLS 10 # BRINE WTR. RIH TO 2100'. WELL FLOWING. UNABLE TO KILL W/BRINE WTR.

#### FLOWED 9 HRS, 32/64" CHOKE, FTP 0 PSIG. CP 20 PSIG. 4 BFPH. RECOVERED 40 BLW. 415 BLWTR.

04-02-2008	Re	eported By	y B.	AUSCH							
DailyCosts:	Drilling	\$0		Con	npletion	\$13,415		Daily	Total	\$13,415	
Cum Costs: Drilling \$829,509		29,509	Con	npletion	\$326,797		Well '	Total	\$1,156,306		
MD	9,780	TVD	9,780	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE	<b>PBTD</b> : 9	725.0		<b>Perf</b> : 9379'-	-9500'		PKR De	<b>pth:</b> 0.0	

Activity at Report Time: RDMOSU

Start End Hrs Activity Description

06:00 06:00 24.0 FTP 0 PSIG. CP 20 PSIG. KILLED TBG W/8 BW. RIH TO FISH TOP @ 9295 '. CIRCULATE W/140 BW. LATCHED

ONTO FISH. POH. LD FISH AND FISHING TOOLS. RIH OPEN ENDED TO 9925'.

#### FLOWED 10 HRS. 32/64" CHOKE. FTP 0 PSIG. CP 20 PSIG. 7 BFPH. RECOVERED 75 BLW. 340 BLWTR.

04-03-2008	Reporte	ed By E	SAUSCH							
DailyCosts: Dril	ling	\$0	Co	mpletion	\$6,673		Daily	Total	\$6,673	
Cum Costs: Drilling \$829,509		\$829,509	Co	mpletion	\$333,470		Well	<b>Fotal</b>	\$1,162,979	
<b>MID</b> 9,7	780 <b>TV</b> ]	9,780	Progress	0	Days	20	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation: MESAVERDE PBTI			9725.0		<b>Perf</b> : 9117'-	9500'		PKR Dep	oth: 0.0	

Activity at Report Time: FRAC WELL

Start End Hrs Activity Descri	cription
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06:00 17:00

11.0 FTP 0 PSIG. CP 20 PSIG. CIRCULATED W/150 BW. POH, LD TBG. ND BOP. NU FRAC VALVE. RDMOSU. RU SCHLUMBERGER AND CUTTERS WL. SET 10K CFP AT 9338'. PERFORATED LPR FROM 9117'-18', 9141'-42', 9165'-66', 9171'-72', 9246'-47', 9268'-69', 9271'-72', 9287'-88', 9299'-300', 9302'-03', 9332'-33' & 9334'-35' @ 3 SPF & 1200 PHASING. RDWL. SDFN.

04-04-2008	Re	ported By	M	CCURDY							
DailyCosts: D	rilling	\$0		Com	pletion	\$1,083		Daily	Total	\$1,083	
Cum Costs: Drilling \$829,509		9,509	Com	pletion	\$334,553		Well 7	Total	\$1,164,062		
MD	9,780	TVD	9,780	Progress	0	Days	21	MW	0.0	Visc	0.0
Formation : N	<b>MESAVEI</b>	RDE	<b>PBTD</b> : 9	7725.0		<b>Perf</b> : 7674'-	9500'		PKR De <sub>l</sub>	oth: 0.0	

Activity at Report Time: FRAC UPR / WASATCH

Start End Hrs Activity Description
06:00 06:00 24.0 SICP 1200 PSIG. RU SC

24.0 SICP 1200 PSIG. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4172 GAL WF120 LINEAR PAD, 5480 GAL WF120 LINEAR 1# & 1.5# SAND, 27043 GAL YF116ST+ WITH 98200 # 20/40 SAND @ 1-4 PPG. MTP 7696 PSIG. MTR 51.1 BPM. ATP 5539 PSIG. ATR 45.9 BPM. ISIP 3030 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8950'. PERFORATE MPR FROM (8711'-12' MISFIRED), 8724'-25', 8735'-36', 8742'-43', 8750'-51', 8756'-57', 8786'-87', 8799'-800', 8802'-03', 8805'-06', 8852'-53', 8923'-24' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 6121 GAL WF120 LINEAR PAD, 6917 GAL WF120 LINEAR I# & 1.5# SAND, 26442 GAL YF116ST+ WITH 92800 # 20/40 SAND @ 1-4 PPG. MTP 8905 PSIG. MTR 51.6 BPM, ATP 6881 PSIG. ATR 41.8 BPM, ISIP 4300 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8665'. PERFORATE MPR FROM 8456'-57', 8465'-66', 8470'-71', 8500'-01', 8522'-23', 8537'-38', 8543'-44', 8564'-65', 8632'-33', 8643'-44', 8649'-50'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5398 GAL WF120 LINEAR PAD, 8222 GAL WF120 LINEAR 1# & 1.5# SAND, 41144 GAL YF116ST+ WITH 144700 # 20/40 SAND @ 1-5 PPG. MTP 7775 PSIG. MTR 51.7 BPM. ATP 5531 PSIG. ATR 48.5 BPM. ISIP 2350 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8425'. PERFORATE MPR FROM 8298'-99', 8309'-10', 8315'-16', 8347'-48', 8352'-53', 8357'-58', 8378'-79', 8384'-85', 8390'-91', 8396'-97', 8404'-05', 8412'-13'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3934 GAL WF120 LINEAR PAD, 7169 GAL WF120 LINEAR 1# & 1.5# SAND, 34652 GAL YF116ST+ WITH 124600 # 20/40 SAND @ 1-5 PPG. MTP 6409 PSIG. MTR 51.2 BPM. ATP 3832 PSIG. ATR 45 BPM. ISIP 2280 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8195'. PERFORATE UPR FROM 7979'-80', 7982'-83', 8015'-16', 8024'-25', 8035'-36', 8041'-42', 8095'-96', 8098'-99', 8124'-25', 8130'-31', 8136'-37', 8174'-75'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4236 GAL WF120 LINEAR PAD, 7166 GAL WF120 LINEAR 1# & 1.5# SAND, 36295 GAL YF116ST+ WITH 131300 # 20/40 SAND @ 1-5 PPG. MTP 6951 PSIG. MTR 50.9 BPM. ATP 4685 PSIG. ATR 47.3 BPM. ISIP 2550 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7917'. PERFORATE UPR FROM 7674'-75', 7684'-85', 7708'-09', 7740'-41', 7768'-69', 7775'-76', 7792'-93', 7801'-02', 7847'-48', 7880'-81', 7889'-90', 7898'-99'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5809 GAL WF120 LINEAR PAD, 10276 GAL WF120 LINEAR 1# & 1.5# SAND, 49267 GAL YF116ST+ WITH 180600 # 20/40 SAND @ 1-5 PPG. MTP 7703 PSIG. MTR 51.1 BPM. ATP 4281 PSIG. ATR 48.7 BPM. ISIP 2700 PSIG. RD SCHLUMBERGER. SWIFN.

04-05-2008	Re	ported By	, I	MCCURDY							
DailyCosts:	Drilling	\$0		Con	pletion	\$376,513		Daily	Total	\$376,513	
Cum Costs:	Drilling	\$82	9,509	Con	pletion	\$711,066		Well	<b>Total</b>	\$1,540,576	
MD	9,780	TVD	9,780	Progress	0	Days	22	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE	PBTD:	9725.0		Perf: 5539'-	-9500'		PKR De	oth: 0.0	

#### Activity at Report Time: FLOW TEST

## Start End Hrs Activity Description

06:00 06:00

24.0 SICP 1580 PSIG. RUWL SET 10K CFP AT 7624'. PERFORATED UPR/NORTH HORN FROM 7429'-30', 7437'-38', 7446'-47', 7473'-74', 7536'-37', 7542'-43', 7558'-59', 7565'-66', 7576'-77', 7582'-83', 7602'-03' & 7606'-07' @ 3 SPF & 120? PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4787 GAL WF120 LINEAR PAD, 8637 GAL WF120 LINEAR W/I# & 1.5# 20/40 SAND, 41336 GAL YF116ST+ W/149700# 20/40 SAND @ 1-5 PPG. MTP 5712 PSIG. MTR 50.9 BPM. ATP 48.1 PSIG. ATR 48.1 BPM. ISIP 2152 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 7360'. PERFORATED NORTH HORN FROM 7069'-70', 7096'-97', 7151'-52', 7161'-62', 7218'-19', 7243'-44', 7260'-61', 7292'-93', 7308'-09', 7312'-13', 7316'-17' & 7336'-37' @ 3 SPF & 120? PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 3308 GAL WF120 LINEAR PAD, 4650 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 20997 GAL YF116ST+ W/70600# 20/40 SAND @ 1-5 PPG. MTP 8204 PSIG. MTR 51.1 BPM. ATP 5394 PSIG. ATR 45.5 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6975'. PERFORATED Ba FROM 6685'-86', 6711'-12', 6734'-35', 6762'-63', 6794'-95', 6810'-11', 6839'-40', 6850'-51', 6882'-83', 6938'-39', 6948'-49' & 6953'-54' @ 3 SPF & 120? PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 3314 GAL WF120 LINEAR PAD, 4649 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 20572 GAL YF116ST+ W/70800# 20/40 SAND @ 1-4 PPG. MTP 8112 PSIG. MTR 51.1 BPM. ATP 4708 PSIG. ATR 46.8 BPM. ISIP 1700 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 6636'. PERFORATED Ba FROM 6296'-97', 6315'-16', 6334'-35', 6382'-83', 6439'-40', 6474'-75', 6509'-10', 6544'-45', 6548'-49', 6597'-98', 6612'-13' & 6620'-21' @ 3 SPF & 120? PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 3307 GAL WF120 LINEAR PAD, 4648 GAL WF120 LINEAR W/1# & 1.5# 20/40 SAND, 20580 GAL YF116ST+ W/70900# 20/40 SAND @ 1-4 PPG. MTP 8216 PSIG. MTR 50.9 BPM. ATP 4560 PSIG. ATR 46.4 BPM. ISIP 1500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5780'. PERFORATED Ca/Pp FROM 5539'-40', 5543'-44', 5563'-64', 5565'-66', 5591'-92', 5598'-99', 5604'-05', 5612'-13', 5680'-81', 5740'-41', 5744'-45' & 5748'-49' @ 3 SPF & 120? PHASING. PULLED OUT OF ROPE SOCKET @ 4100'. RDWL & SCHLUMBERGER.

### FLOWED 14 HRS. 32/64" CHOKE. FCP 0 PSIG. 14 BFPH. RECOVERED 374 BLW. 11681 BLWTR.

04-06-20	008 R	eported By	M	CCURDY							
DailyCost	ts: Drilling	\$0		Co	mpletion	\$2,158		Daily '	<b>Fotal</b>	\$2,158	
Cum Cos	ts: Drilling	\$829,5	509	Co	mpletion	\$713,224		Well T	otal	\$1,542,734	
MD	9,780	TVD	9,780	Progress	0	Days	23	MW	0.0	Visc	0.0
Formatio	n: MESAVI	ERDE	725.0		<b>Perf</b> : 5539'-	9500'		PKR Dep	oth: 0.0		
Activity a	t Report T	ime: FLOW B	ACK								
Start	End	Hrs Act	tivity Desc	ription							
06:00	06:00	24.0 FLC	OWED 24 H	RS. NO CHOI	KE. FCP 0 P	SIG, 5 BFPH. R	ECOVER	RED 122 BBLS	, 11559 BL\	VTR.	
04-07-20	008 R	eported By	М	CCURDY							
	4a. Duillina	\$0		Co	mpletion	\$2,158		Daily '	Total	\$2,158	
DailyCost	ւs։ Druning	<b>\$</b> 0									
•	ts: Drilling		509	Co	mpletion	\$715,382		Well T	otal	\$1,544,892	
Cum Cos	Ü		509 9,780	Co. Progress	ompletion 0	\$715,382 <b>Days</b>	24	Well T MW	<b>Total</b> 0.0	\$1,544,892 <b>Visc</b>	0.0
Cum Cos MD	ts: Drilling	\$829,: <b>TVD</b>		Progress	-					Visc	0.0
MD Formatio	ts: Drilling 9,780 on: MESAVI	\$829,: <b>TVD</b>	9,780 <b>PBTD :</b> 9	Progress	-	Days			0.0	Visc	0.0
Cum Cos MD Formatio	ts: Drilling 9,780 on: MESAVI	\$829, TVD ERDE ime: FLOW B	9,780 <b>PBTD :</b> 9	Progress 9725.0	-	Days			0.0	Visc	0.0

Daily Costs	08 Re	ported By	ĮVI	CCURDY							
•	s: Drilling	\$0		Con	pletion	\$2,158		Daily	Total	\$2,158	
Cum Cost	s: Drilling	\$82	9,509	Con	pletion	\$717,540		Well	<b>Fotal</b>	\$1,547,050	
MD	9,780	TVD	9,780	Progress	0	Days	25	MW	0.0	Visc	0.0
Formation	ı: MESAVE	RDE	<b>PBTD</b> : 9	725.0		Perf: 5539'	-9500'		PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: FLOW	BACK								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 F	LOWED 24 H	RS. NO CHOKI	E. FCP-0	PSIG, 4 BFPH.	RECOVI	ERED 90 BBI	LS, 11361 B	LWTR.	
04-09-200	08 Re	ported By	Н	AL IVIE							
DailyCost	s: Drilling	\$0		Con	pletion	\$17,933		Daily	Total	\$17,933	
Cum Cost	s: Drilling	\$82	9,509	Con	pletion	\$735,473		Well '	<b>Fotal</b>	\$1,564,983	
MD	9,780	TVD	9,780	Progress	0	Days	26	MW	0.0	Visc	0.0
Formation	ı: MESAVE	RDE	<b>PBTD</b> : 9	725.0		Perf : 5539'-	-9500'		PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: SI									
Start	End	Hrs A	ctivity Desc	ription							
06:00	18:00		-	<del>-</del>	G#1.ND	FRAC VALVE.	NU BOP.	RIH W/OVER	SHOT W/3-	-1/8" GRAPPLE	, BUMPE
				O 5750'. CIRCU GUN #4. SDFN.		LATCHED ON	N TO FISH	1 @ 5752'. PC	H. RECOVE	ERED FISH. POF	RT PLUG
04-10-20	08 Re	ported By	Н	AL IVIE							
Daily Cost:	s: Drilling	\$0		Con	pletion	\$84,931		Daily	Total	\$84,931	
Cum Cost	s: Drilling	\$82	9,509	Con	pletion	\$820,404		Well '	<b>Fotal</b>	\$1,649,914	
MD	9,780	TVD	9,780	Progress	0	Days	27	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation	ı: MESAVE	RDE	<b>PBTD</b> : 9	725.0		Perf: 5539'	-9500'		PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: FLOW	TEST								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	6	636', 6975', 7	•	7', 8195', 8	3425', 8665', 89				OUT PLUGS @ 5 PBTD @ 9725'.	
			LOWED 11 H LWTR.	RS. 24/64 CHO	KE. FTP-	800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVE	RED 701 BBLS,	10794
		В	LWTR.	IRS. 24/64 CHO		800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVER	RED 701 BBLS,	10794
		B T	LWTR.	AIL: LENGTI		800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVER	RED 701 BBLS,	10794
		B T P	LWTR. UBING DETA UMP OFF SU	AIL: LENGTI	I:	800 PSIG, CP-	-1300 PS	SIG. 64 BFPH	. RECOVER	RED 701 BBLS,	10794
		B T P 1	LWTR. UBING DETA UMP OFF SU	AIL: LENGTH  B 1.00'  N=80 TBG 33	I:	800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVE	RED 701 BBLS,	10794
		В Т Р 1 Х	LWTR.  UBING DETA  UMP OFF SU  JT 2–3/8 4.7#  IN NIPPLE	AIL: LENGTH  B 1.00'  N=80 TBG 33	I: 2.39'	800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVE	RED 701 BBLS,	10794
		В Т Р 1 Х 2	LWTR.  UBING DETA  UMP OFF SU  JT 2–3/8 4.7#  IN NIPPLE	AIL: LENGTF  B 1.00'  N=80 TBG 33  1.10'	I: 2.39'	800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVE	RED 701 BBLS,	10794
		B T P 1 X 2 B	LWTR.  UBING DETA  UMP OFF SU  JT 2-3/8 4.7#  IN NIPPLE  45 JTS 2-3/8	AIL: LENGTH  B 1.00'  N-80 TBG 3'  1.10'  4.7# N-80 TBG	I: 2.39'	800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVE	RED 701 BBLS,	10794
04–11–200	08 Ro	B T P 1 X 2 B	LWTR.  UBING DETA  UMP OFF SU  JT 2–3/8 4.7#  IN NIPPLE  45 JTS 2–3/8  ELOW KB  ANDED @	MIL: LENGTH  B 1.00'  N=80 TBG 3:  1.10'  4.7# N=80 TBG  16.00'	I: 2.39'	800 PSIG, CP-	- 1300 PS	SIG. 64 BFPH	. RECOVE	RED 701 BBLS,	10794

\$823,129

Well Total

\$1,652,639

Completion

**Cum Costs: Drilling** 

\$829,509

Property: 059916

MD

9,780 TVD

9,780 Progress Days

MW 28

0.0 Visc 0.0

**Formation:** MESAVERDE

**PBTD**: 9725.0

Perf: 5539'-9500'

PKR Depth: 0.0

Activity at Report Time: FLOW TEST THRU TEST SEPERATOR.

Start End Hrs **Activity Description** 

06:00 06:00 24.0 FLOWED 23 HRS. 24/64 CHOKE. FTP- 550 PSIG, CP- 1100 PSIG. 60 BFPH. RECOVERED 1456 BBLS, 9338

BLWTR, MCFD/0

DOWN FOR 1 HR. RU BRECO TEST SEPERATOR.

Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

VA/EII	COMP	ETION	$\triangle D$ DE $\triangle$	OMDIET	FIAN DEF	ORT AN	$D \mid D \cap C$

	WELL (	COMPL	ETION C	RRE	:COI	MPLE	ION RI	EPORT	AND L	.OG			ase Serial No. TU56965		
1a. Type of	f Well	Oil Well	☑ Gas '	Well		Ory [	Other					6. If	Indian, Allotte	e or Tr	ibe Name
b. Type o	f Completion	🛛 N	lew Well	□ Wo	rk Ov	er 🗖	Deepen	☐ Plu	g Back	☐ Diff. R	lesvr.	7 11	nit or CA Agre	ement l	Name and No
		Othe	er									7. UI	in of CA Agic	ement.	ivame and ivo.
2. Name of EOG R	Operator ESOURCES	S, INC.	E	-Mail: r	mary_		MARY A eogres@						ase Name and OSS 20-32	Well N	Vo.
3. Address	600 17TH DENVER,			OON				Phone N : 303-82		area code)		9. Al	PI Well No.	43	3-047-38717
4. Location	of Well (Rej	oort locati	ion clearly ar	d in acc	cordar	nce with F	ederal req	uirements	)*				ield and Pool,		loratory WASATCH/MV
At surfa	ice NWSW	/ 2051FS	SL 857FWL	40.077	'62 N	Lat, 109	.35730 W	/ Lon				11. S	ec., T., R., M.	, or Blo	ck and Survey
At top p	orod interval r	eported be	elow NW	SW 20	51FSI	L 857FW	L 40.077	62 N Lat,	109.357	30 W Lon			County or Paris		R23E Mer SLB  13. State
At total depth NWSW 2051FSL 857FWL 40.07762 N Lat, 109.35730 W Lon UINTÁH UT											UT				
14. Date Sp 04/17/2				ate T.D. /06/200		hed		□ D &	Complete A <b>⊠</b> 0/2008	ed Ready to P	rod.	17. E	Elevations (DF, 4890 (		T, GL)*
18. Total D	epth:	MD TVD	9780		19.	Plug Bac	k T.D.:	MD TVD	97:	25	20. Dep	th Brid	lge Plug Set:	MD TVI	
21. Type E	lectric & Oth	er Mechai	nical Logs R	un (Sub	mit co	opy of eac	eh)			22. Was y				Yes (Su	ıbmit analysis) ıbmit analysis)
no 1/01	lectric & Oth BL/CCL/ <b>VB</b> 1	Jun /T	emp							Direc	OST run? tional Sur	vey?			ıbmit analysis)
23. Casing a	nd Liner Reco	ord (Repo	rt all strings	set in v	vell)	1					1				
Hole Size	Size/G	rade	Wt. (#/ft.)	To (M)	•	Botton (MD)	1 2 1			Slurry (BB)	L Cement Long		*	Amount Pulled	
12.250	9.6	325 J-55	36.0		0	25	2576 605								
7.875	4.50	0 P-110	11.6		0	97	9772 2130								
							-				-				
				-			+							+	
	1														
24. Tubing	Record				r										
	Depth Set (M		acker Depth	(MD)	Si	ze D	epth Set ()	MD) I	Packer Dep	oth (MD)	Size	De	pth Set (MD)	Pac	ker Depth (MD)
2.375 25 Produci	ng Intervals	7996				— Т	26. Perfor	ation Reco	ord			<u> </u>			
	ormation		Тор		Bo	ttom		Perforated			Size	I	lo. Holes	P	erf. Status
	CH/MESAVE	RDE	ТОР	5539	Do	9500		Citoratea	9379 T	O 9500	DILLO	十	3		O.I. Status
В)									9117 T	O 9335			3		
<u>C)</u>									8724 T				3		
D)	racture, Treat	ment Car	ment Saugeza	Etc		L			8456 T	O 8650			3		
	Depth Interva		nent squeeze	, Etc.				A	mount and	l Type of M	laterial				
	<del></del>		500 36,310	GALS G	ELLE	D WATER	& 95,900 <del>-</del>			/					
			335 36,860												
			924 39,645												
28 Product	84 ion - Interval		650 54,929	GALS G	ELLE	D WATER	8 8 144,70	0# 20/40 5	SAND						
Date First	Test	Hours	Test	Oil		Gas	Water		ravity	Gas		Producti	on Method		
Produced 04/10/2008	Date 04/26/2008	Tested 24	Production	BBL 40.		MCF 574.0	BBL 220.	Corr.	API	Gravity	y		FLOWS	FROM '	WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil		Gas	Water	Gas:0		Well S	tatus				
Size 14/64"	Flwg. 1100 SI	Press. 1700.0	Rate	BBL 40		MCF 574	BBL 220	Ratio			PGW				
	tion - Interva	<u> </u>													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL	Oil G Соп.	ravity API	Gas Gravit	у	Producti	on Meth REC	CEI	VED
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas:0 Ratio		Well S					2008
	SI	l		1	- 1					1					

DIV. OF OIL, GAS & MINING

28b. Proc	duction - Interv	al C									
Date First Produced	Test Date	Hours	Test Production	Oil BBL	Gas MCF	Water	Oil Gravity Corr. API		Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	ľ	Gravity		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	,	Well Status		
28c. Prod	duction - Interv	al D			1			-			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	,	Well Status		
29. Dispo	osition of Gas(	Sold, used	for fuel, vent	ed, etc.)		<u>I</u>	1				
	nary of Porous	Zones (Ir	nclude Aquife	rs):					31. For	mation (Log) Markers	
tests,	all important including dept ecoveries.	zones of p h interval	porosity and contested, cushic	ontents there on used, time	eof: Cored tool oper	l intervals and	d all drill-stem d shut-in pressu	res			
	Formation		Тор	Bottom		Descripti	ions, Contents, e	etc.		Name	Top Meas. Depth
32. Addi Plea:	tional remarks se see the att mation.	(include p	5539 olugging proce	9500 edure): eled perfora	tion and	additional fo	ormation marke	er er	MA UT WA CH BU PR	REEN RIVER HOGANY LHOGANY SATCH APITA WELLS CK CANYON ICE RIVER DDLE PRICE RIVER	2107 2746 4902 5052 5644 6304 7478 8267
1. El 5. Su	e enclosed atta ectrical/Mecha undry Notice fo	nical Log or pluggin	g and cement	verification		2. Geologi 6. Core Ai	nalysis		3. DST Re		onal Survey
34. I here	eby certify that	the foreg	-	ronic Subm	ission #6	0231 Verifie	orrect as determined by the BLM VS, INC., sent to	Well Info	ormation Sys	e records (see attached instruct	ions):
Name	e(please print)	MARY A	A. MAESTAS	<b>3</b>			Title	REGUL	_ATORY AS	SISTANT	
Signa	nture \	(EÎEĈEO	nic Submissi	op) ( a	i la	<u>-</u>	Date	05/12/2	2008		
Title 18 V	U.S.C. Section nited States any	1001 and false, fic	Title 43 U.S. titious or frad	C. Section 1 ulent statem	212, make ents or rep	e it a crime for presentations	or any person kn as to any matter	owingly r within i	and willfully its jurisdictior	to make to any department or	agency

## Hoss 20-32 - ADDITIONAL REMARKS (CONTINUED):

### **26. PERFORATION RECORD**

8298-8413	3/spf
7979-8175	3/spf
7674-7899	3/spf
7429-7607	3/spf
7069-7337	3/spf
6685-6954	3/spf
6296-6621	3/spf
5539-5749	3/spf

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8298-8413	45,920 GALS GELLED WATER & 124,600# 20/40 SAND
7979-8175	47,862 GALS GELLED WATER & 131,300# 20/40 SAND
7674-7899	65,517 GALS GELLED WATER & 180,600# 20/40 SAND
7429-7607	54,925 GALS GELLED WATER & 149,700# 20/40 SAND
7069-7337	29,120 GALS GELLED WATER & 70,600# 20/40 SAND
6685-6954	28,535 GALS GELLED WATER & 70,800# 20/40 SAND
6296-6621	28,535 GALS GELLED WATER & 70,900# 20/40 SAND
5539-5749	NO FRAC – PERFORATED ONLY

Perforated the Lower Price River from 9379-80', 9384-85', 9389-90', 9397-98', 9402-03', 9419-20', 9458-59', 9470-72', 9479-80', 9486-87', 8489-90', 9492-93', 9496-97' & 9499-9500' w/ 3 spf.

Perforated the Lower Price River from 9117-18', 9141-42', 9165-66', 9171-72', 9246-47', 9268-69', 9271-72', 9287-88', 9299-9300' 9302-03', 9332-33' & 9334-35' w/ 3 spf.

Perforated the Middle Price River from 8724-25', 8735-36', 8742-43', 8750-51', 8756-57', 8786-87', 8799-8800', 8802-03', 8805-06', 8852-53' & 8923-24' w/ 3 spf.

Perforated the Middle Price River from 8456-57', 8465-66', 8470-71', 8500-01', 8522-23', 8537-38', 8543-44', 8564-65', 8632-33', 8643-44' & 8649-50' w/ 3 spf.

Perforated the Middle Price River from 8298-99', 8309-10', 8315-16', 8347-48', 8352-53', 8357-58', 8378-79', 8384-85', 8390-91', 8396-97', 8404-05' & 8412-13' w/ 3 spf.

Perforated the Upper Price River from 7979-80', 7982-83', 8015-16', 8024-25', 8035-36', 8041-42', 8095-96', 8098-99', 8124-25', 8130-31', 8136-37' & 8174-75' w/ 3 spf.

Perforated the Upper Price River from 7674-75', 7684-85', 7708-09', 7740-41', 7768-69', 7775-76', 7792-93', 7801-02', 7847-48', 7880-81', 7889-90' & 7898-99' w/ 3 spf.

Perforated the Upper Price River/North Horn from 7429-30', 7437-38', 7446-47', 7473-74', 7536-37', 7542-43', 7558-59', 7565-66', 7576-77', 7582-83', 7602-03' & 7606-07' w/ 3 spf.

Perforated the North Horn from 7069-70', 7096-97', 7151-52', 7161-62', 7218-19', 7243-44', 7260-61', 7292-93', 7308-09', 7312-13', 7316-17' & 7336-37' w/ 3 spf.

Perforated the Ba from 6685-86', 6711-12', 6734-35', 6762-63', 6794-95', 6810-11', 6839-40', 6850-51', 6882-83', 6938-39', 6948-49' & 6953-54' w/ 3 spf.

Perforated the Ba from 6296-97', 6315-16', 6334-35', 6382-83', 6439-40', 6474-75', 6509-10', 6544-45', 6548-49', 6597-98', 6612-13' & 6620-21' w/ 3 spf.

Perforated the Ca/Pp from 5539-40', 5543-44', 5563-64', 5565-66', 5591-92', 5598-99', 5604-05', 5612-13', 5680-81', 5740-41', 5744-45' & 5748-49' w/ 3 spf.

### **52. FORMATION (LOG) MARKERS**

Lower Price River	9057
Sego	9593

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

# REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and	d number: HOS	S 20-32				
API number: _	4304738717					
Well Location:	QQ NWSW Sec	tion 32	Township <u>8S</u> Ra	nge 23E	_ County _	UINTAH
Well operator:	EOG					
Address:	1060 E HWY 4	-0				
	city VERNAL		state UT zip 840	78	Phone	(435) 781-9111
Drilling contract	ctor: CRAIGS R	OUSTABOL	JT SERVICE			
Address:	PO BOX 41			<del>.</del>		
	city VERNAL		state UT zip 840	<del></del>	Phone	(435) 781-1367
Water encount	tered (attach add	ditional page		<del></del>		
ſ	DEPI		VOLU		<u> </u>	QUALITY
•	FROM TO		(FLOW RATE			(FRESH OR SALTY)
			NO WA	TER		
Formation tops			2			3
(Top to Bottom	) 4 -		5			6
	7 _		8 _			9
	10 _		11 _		<u>-</u>	12
If an analysis h	nas been made o	of the water	encountered, please	attach a d	copy of the	e report to this form.
The sales of the	had distance of the		-4-4-4-4			
			ete to the best of my kno			
NAME (PLEASE PRI	Mary A. Maes	stas		TITLE		ory Assistant
SIGNATURE	Mary 1	$a \rightarrow M$	anja	DATE	5/12/200	08
(5/2000)	$\bigcup$		<sup>§</sup>			

Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals  1. TYPE OF WELL Gas Well  2. NAME OF OPERATOR: EOG Resources, Inc.  3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	7.UNIT  8. WELL HOSS  9. API 43047	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-56965  6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT OR CA AGREEMENT NAME:  8. WELL NAME and NUMBER: HOSS 20-32  9. API NUMBER: 43047387170000  9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2051 FSL 0857 FWL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 3:	COUNT UINTA STATE: UTAH	ıH			
TYPE OF SUBMISSION	CK APPROPRIATE BOXES TO INDICA		TYPE OF ACTION	., 01. 011	IEI SAIA
□ NOTICE OF INTENT Approximate date work will start:  ✓ SUBSEQUENT REPORT Date of Work Completion: 9/28/2009 □ SPUD REPORT Date of Spud: □ DRILLING REPORT Report Date:	ACIDIZE  CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  DMPLETED OPERATIONS. Clearly show all pe	☐ CI ☐ CI ☐ FI ☐ PI ☐ RI ☐ SI ☐ VI ☐ SI ✓ O			CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION ER: Pit Closure
The reserve pit on t	the referenced location was clo	osed	on 9/28/2009 as pe	r Accep Utah Dil, Gas	oted by the Division of and Mining ECORD ONLY
NAME (PLEASE PRINT) Mickenzie Gates SIGNATURE	<b>PHONE NUMBER</b> 435 781-9145		Operations Clerk  DATE		
SIGNATURE N/A			10/6/2009		